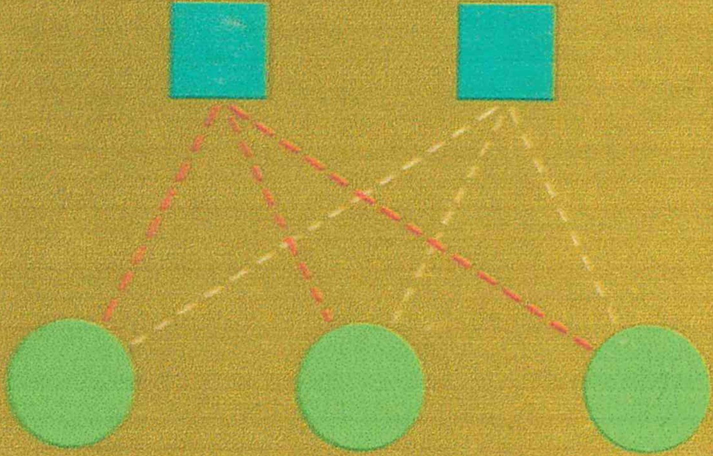
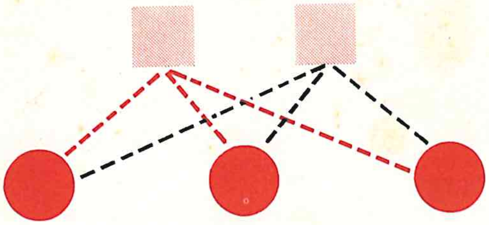
ELEMENTARY SCHOOL MATHEMATICS

BOOK 2





BOOK 2

ELEMENTARY SCHOOL MATHEMATICS

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Illustrations by
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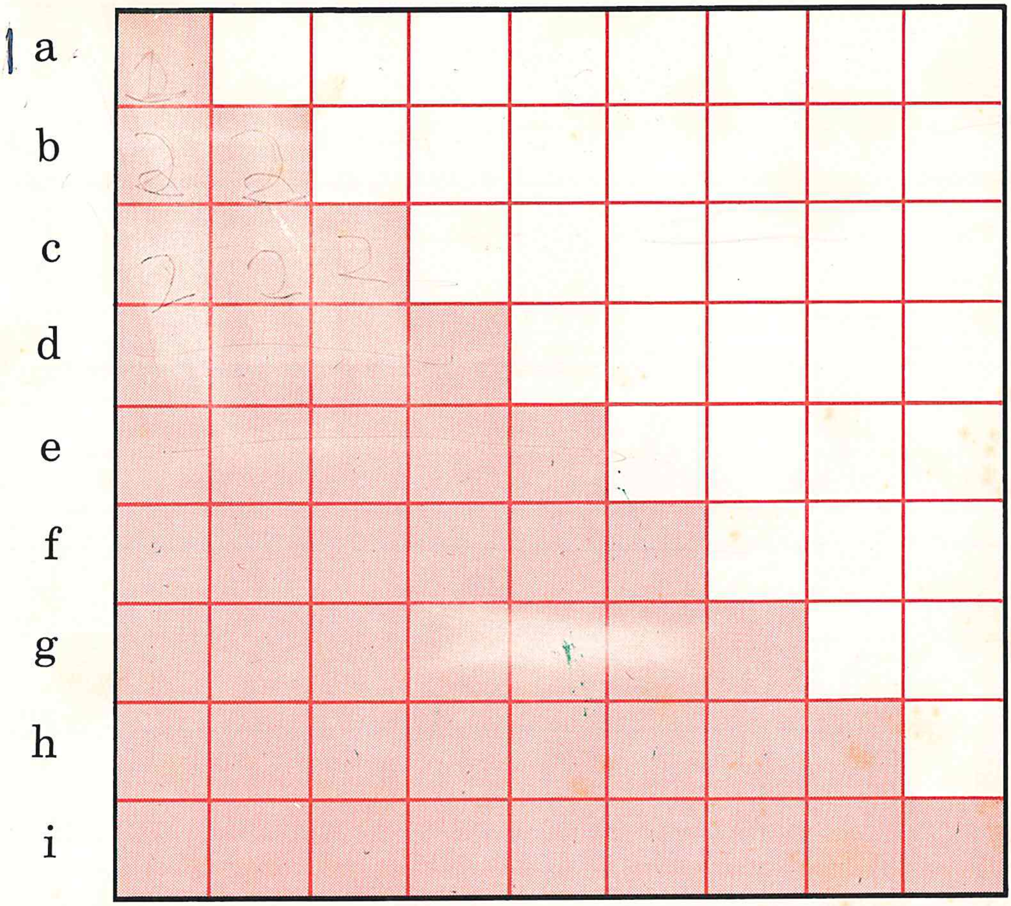
1. How many boxes are colored in each row?



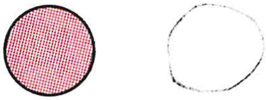
2. Copy the words. Write the numeral beside each word.

8 eight five four nine one

seven six three two zero

How many in each set?

a



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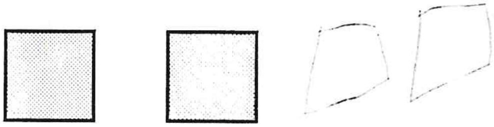

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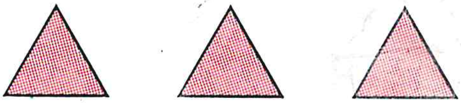

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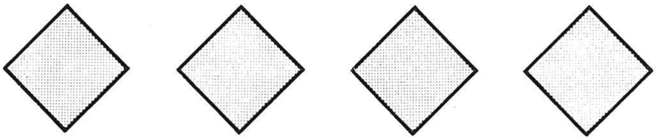
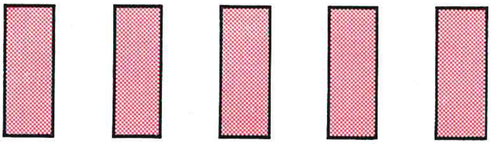


e



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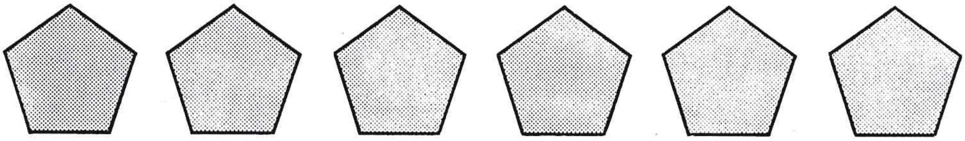
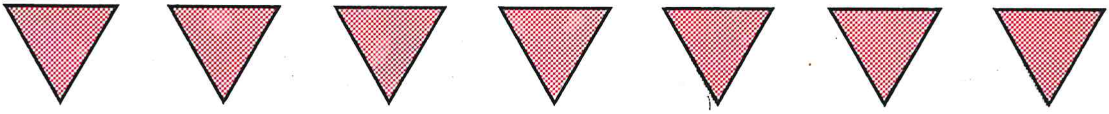
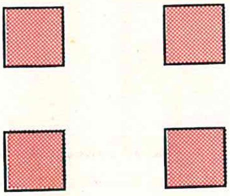


g



Write the numeral to tell how many in each set.

a



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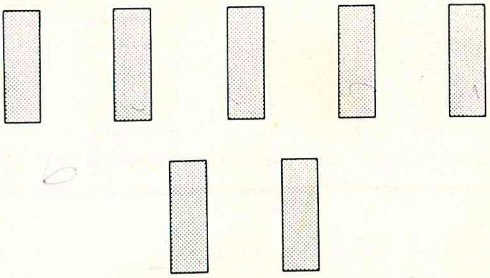
b



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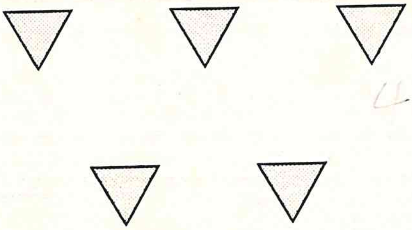
c



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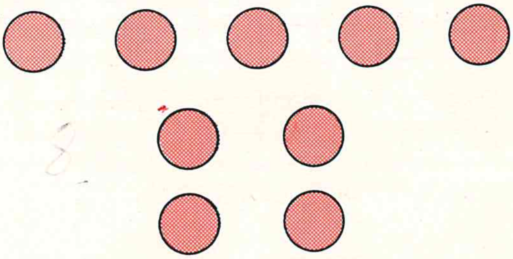

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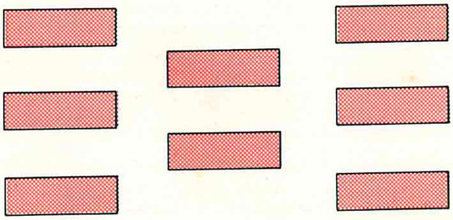
e



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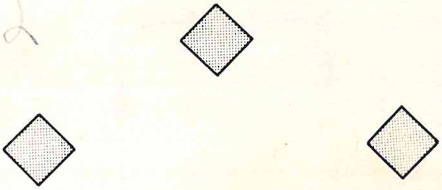
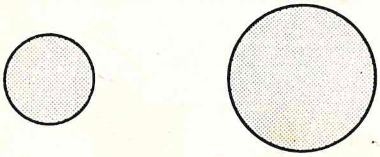


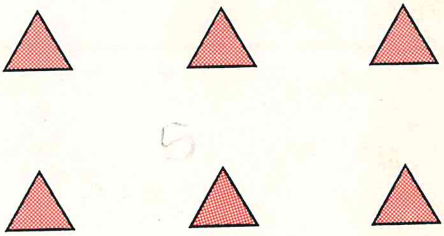
2

g



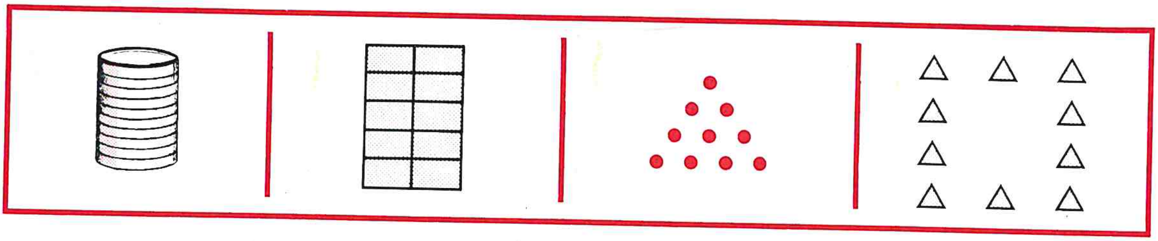
1

h

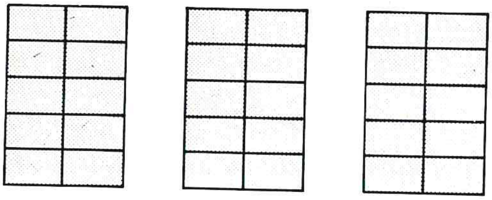


5

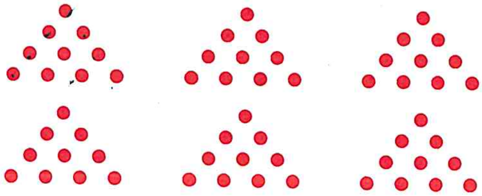
Look at these sets of ten.



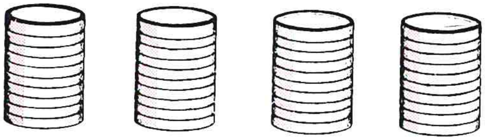
How many tens?



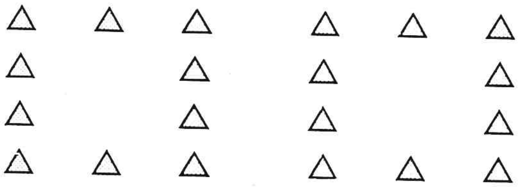
a. ? tens



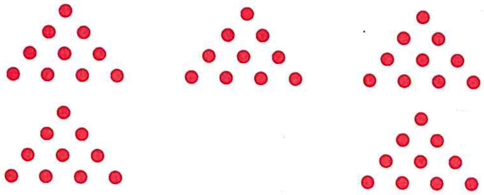
b. ? tens



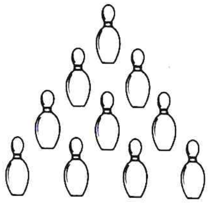
c. ? tens



d. ? tens

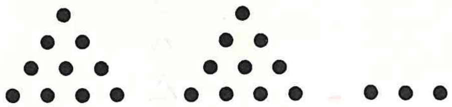


e. ? tens



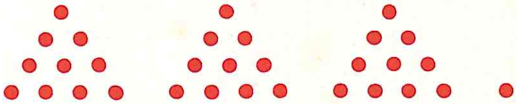
f. ? tens

Give the missing numerals.



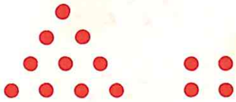
a. 2 tens and ?

We write 23.



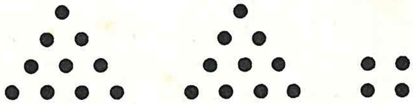
b. ? tens and 1

We write 31.



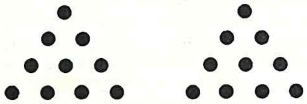
c. 1 ten and ?

We write 14.



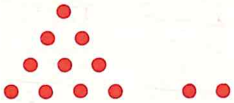
d. 2 tens and ?

We write 24.



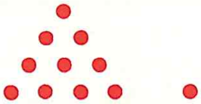
e. ? tens and 0

We write 20.



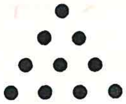
f. 1 ten and ?

We write 12.



g. 1 ten and ?

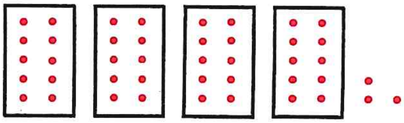
We write 11.



h. ? tens and 0

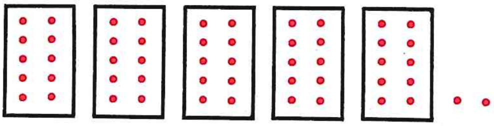
We write 10.

Give the missing numerals.



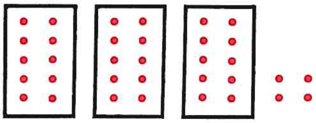
a. ? tens and 3

We write 43.



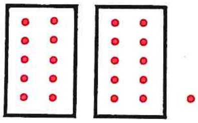
b. 5 tens and ?

We write 52.



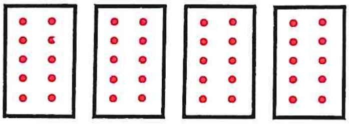
c. 3 tens and 4

We write 34 ?



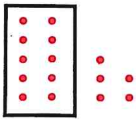
d. 2 tens and 1

We write ?



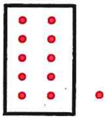
e. 4 tens and 0

We write ?



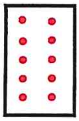
f. 1 ten and 5

We write ?



g. 1 ten and 1

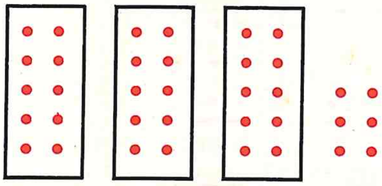
We write ?



h. 1 ten and 0

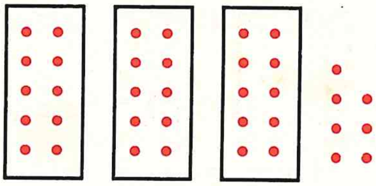
We write ?

How many? Write the numerals.



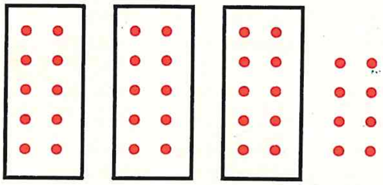
36

a



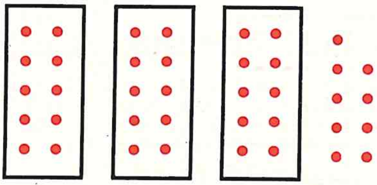
?

b



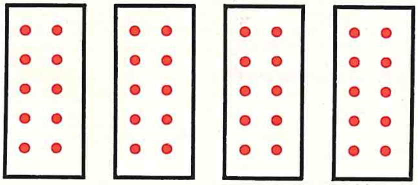
?

c



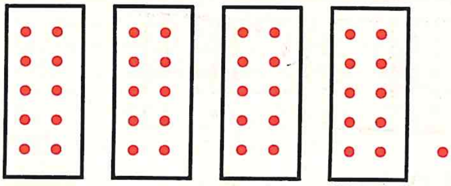
?

d



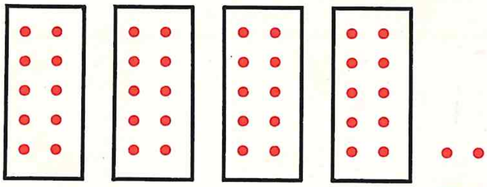
?

e



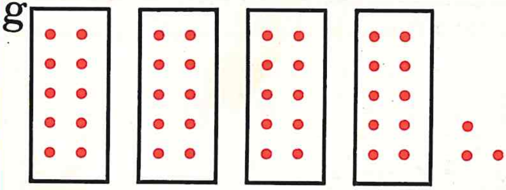
?

f



?

g



?

Give the missing numerals.

56 means 5 tens and 6.

a. 71 means ? tens and 1.

b. 38 means 3 tens and ?.

c. 64 means 6 tens and ?.

d. 48 means ? tens and 8.

e. 49 means 4 tens and ?.

f. 50 means 5 tens and ?.

g. 51 means ? tens and 1.

h. 14 means 1 ten and ?.

i. 92 means 9 tens and ?.

j. 11 means 1 ten and ?.

k. 10 means 1 ten and ?.

l. 65 means ? tens and 5.

m. 9 means 0 tens and ?.

n. 90 means ? tens and 0.

Choose the correct numeral.

6 tens and 2

8 26 62

a 3 tens and 8

11 38 83

b 3 tens and 9

39 12 93

c 4 tens and 0

0 4 40

d 9 tens and 5

59 95 14

e 5 tens and 9

59 95 14

f 8 tens and 7

15 78 87

g 7 tens and 8

15 78 87

h 2 tens and 0

2 0 20

i 0 tens and 2

2 0 20

j 1 ten and 4

14 5 41

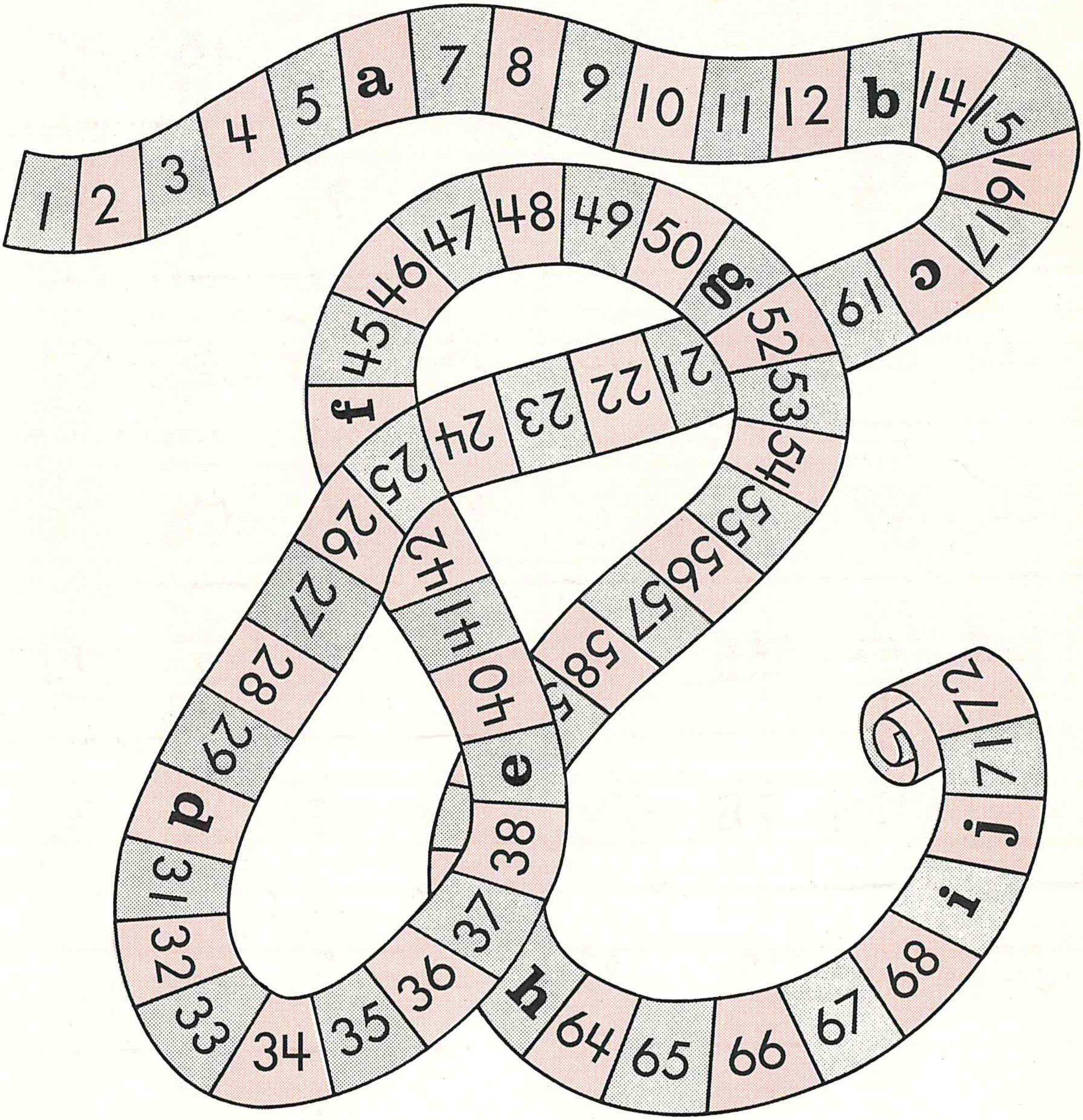
k 4 tens and 1

14 5 41

Copy each row and give the missing numbers.

	10	11	12	13	14	15	16	17
a	22	23	24	?	?	?	?	29
b	30	31	?	33	34	?	?	37
c	58	59	60	?	?	?	64	?
d	66	67	68	?	?	?	?	73
e	?	?	78	79	?	81	?	83
f	88	?	?	?	92	93	94	?
g	?	?	?	42	43	44	?	?

Give the number for each letter.



1. What comes after . . . ?

28 29

a. 72 ?
b. 35 ?
c. 9 ?
d. 86 ?
e. 39 ?
f. 57 ?
g. 79 ?
h. 20 ?
i. 48 ?
j. 11 ?
k. 94 ?
l. 69 ?
m. 50 ?

2. What comes before . . . ?

17 18

a. ? 46
b. ? 30
c. ? 71
d. ? 17
e. ? 80
f. ? 10
g. ? 55
h. ? 92
i. ? 29
j. ? 50
k. ? 63
l. ? 48
m. ? 20

37 < 38	38 > 37
37 is less than 38	38 is greater than 37

Give the number before or the number after.

a. $0 < \underline{\ ?\ }$

b. $5 > \underline{\ ?\ }$

c. $\underline{\ ?\ } > 8$

d. $\underline{\ ?\ } < 10$

e. $19 < \underline{\ ?\ }$

f. $20 > \underline{\ ?\ }$

g. $\underline{\ ?\ } > 31$

h. $\underline{\ ?\ } < 37$

i. $40 < \underline{\ ?\ }$

j. $\underline{\ ?\ } < 46$

k. $49 < \underline{\ ?\ }$

l. $\underline{\ ?\ } > 50$

m. $\underline{\ ?\ } < 53$

n. $62 < \underline{\ ?\ }$

o. $66 > \underline{\ ?\ }$

p. $\underline{\ ?\ } > 66$

q. $\underline{\ ?\ } < 70$

r. $75 < \underline{\ ?\ }$

s. $84 > \underline{\ ?\ }$

t. $89 < \underline{\ ?\ }$

u. $90 > \underline{\ ?\ }$

v. $\underline{\ ?\ } > 98$

$38 < 52$

38 is less than 52

$52 > 38$

52 is greater than 38

Write > or < for each ?.

1.

a. 6 ? 8
b. 36 ? 38
c. 4 ? 1
d. 74 ? 71
e. 5 ? 2
f. 50 ? 20
g. 53 ? 23
h. 7 ? 9
i. 70 ? 90
j. 75 ? 95
k. 79 ? 95

2.

a. 3 ? 5
b. 30 ? 50
c. 33 ? 55
d. 38 ? 55
e. 6 ? 4
f. 60 ? 40
g. 66 ? 44
h. 66 ? 48
i. 10 ? 20
j. 11 ? 20
k. 19 ? 20

3.

a. 4 ? 0
b. 94 ? 90
c. 84 ? 90
d. 84 ? 96
e. 94 ? 96
f. 43 ? 34
g. 34 ? 43
h. 15 ? 51
i. 51 ? 15
j. 67 ? 8
k. 67 ? 80

For each set, arrange the numbers from smallest to largest.

---

a

5 12 7 6 15
16 11 13
8 4 9 10 14

---

b

49 38 42 40 45
50 44 48 39
41 47 43 46 51

---

c

81 91 84 76 79 87 80
83 82
85 77 90 86 78 88 89

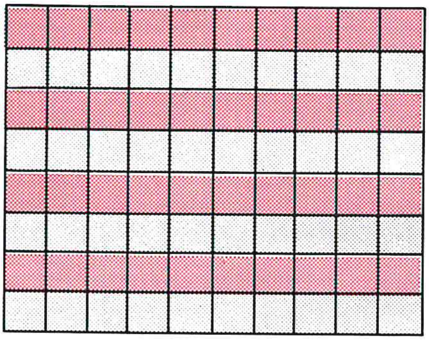
★d

14 24 34 12 16 28
10 40 36 8
22 38 26 18 32 20 30

★e

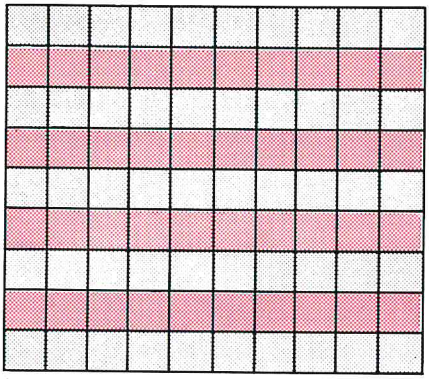
75 15 40 30 55 5 90
20 10 60 70 50
35 85 65 95 80 25
45

Write the numerals.



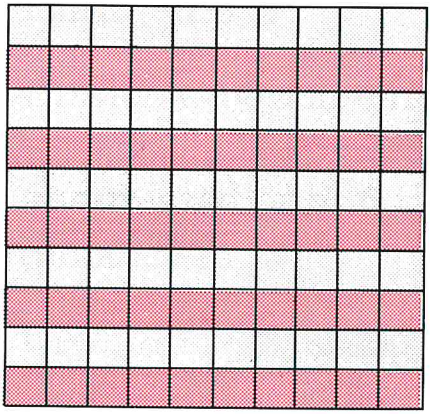
8 tens

We write ___?___.



9 tens

We write ___?___.



10 tens

We write ___?___.

We say "one hundred."

1. Copy and complete the table.

1	2	3	4	5	6	7	8	9	10
11	12	13							

10 tens are 100. For 100 we say "one hundred."

What comes after 99?

Give the missing numerals.

472 means 4 hundreds, 7 tens, and 2 .

534 means 5 hundreds, 3 tens, and 4 .

a. 765 means ? hundreds, 6 tens, and 5 .

b. 981 means 9 hundreds, 8 tens, and ? .

c. 816 means 8 hundreds, ? tens, and 6 .

d. 111 means ? hundreds, 1 ten, and 1 .

e. 110 means 1 hundred, ? tens, and 0 .

f. 109 means 1 hundred, ? tens, and 9 .

g. 101 means 1 hundred, 0 tens, and ? .

h. 100 means ? hundreds, 0 tens, and 0 .

i. 99 means ? hundreds, 9 tens, and 9 .

j. 200 means 2 hundreds, ? tens, and 0 .

k. 623 means 6 hundreds, 2 tens, and ? .

l. 6 means 0 hundreds, ? tens, and 6 .

Write the numerals.

6 hundreds, 4 tens, and 7 647

a. 3 hundreds, 8 tens, and 2

b. 9 hundreds, 0 tens, and 5

c. 2 hundreds, 6 tens, and 0

d. 7 hundreds, 0 tens, and 0

e. 3 hundreds, 0 tens, and 0

f. 1 hundreds, 0 tens, and 0

g. 0 hundreds, 9 tens, and 9

h. 0 hundreds, 0 tens, and 7

i. 8 hundreds, 2 tens, and 4

j. 5 hundreds, 8 tens, and 6

k. 4 hundreds, 9 tens, and 9

l. 0 hundreds, 2 tens, and 3

m. 2 hundreds, 0 tens, and 4

Give the missing numbers.

101, 102, 103, ___?___, 105, 106

a. 206, 207, 208, 209, ___?___, 211

b. 614, 615, ___?___, 617, 618, 619

c. 526, 527, 528, 529, ___?___, 531

d. 398, 399, 400, 401, ___?___, 403

e. 596, 597, 598, 599, ___?___, 601

f. 727, 728, ___?___, 730, 731, 732

g. 295, 296, 297, 298, 299, ___?___

h. 138, 139, ___?___, 141, 142 143

i. 299, ___?___, 301, 302, 303, 304

j. ___?___, 700, 701, 702, 703, 704

k. 895, 896, 897, 898, 899, ___?___

l. ___?___, 400, 401, 402, 403, 404

m. 355, 356, 357, 358, 359, ___?___

1. What comes after . . . ?

a. 314 ?
b. 538 ?
c. 409 ?
d. 299 ?
e. 600 ?
f. 899 ?

2. What comes before . . . ?

a. ? 497
b. ? 269
c. ? 704
d. ? 690
e. ? 300
f. ? 899

3. Give the number before or the number after.

a. 437 ?
b. 104 ?
c. ? 100
d. ? 199
e. 200 ?
f. 300 ?
g. 679 ?
h. 835 ?
i. ? 699
j. ? 690
k. 99 ?
l. ? 890

Copy each column, giving the missing numbers.

a	b	c	d
97	107	534	695
98	108	535	696
99	?	?	?
?	?	?	698
?	111	?	?
102	?	539	?
103	113	?	?
?	?	?	702
?	?	542	?
?	?	?	?

Give the missing numbers.

a. 80, 90, 100, 110, ___?___, 130

b. 200, ___?___, 400, 500, 600, 700

c. 720, 730, 740, 750, 760, ___?___

d. 100, 150, 200, ___?___, 300, 350

e. 600, 610, 620, 630, ___?___, 650

f. 560, 562, 564, 566, ___?___, 570

g. 250, 260, 270, ___?___, 290, 300

h. 860, 870, 880, 890, ___?___, 910

i. 450, 500, ___?___, 600, 650, 700

j. 100, 120, 140, 160, ___?___, 200

k. ___?___, 640, 660, 680, 700, 720

l. 360, 380, ___?___, 420, 440, 460

m. 655, 660, 665, 670, ___?___, 680

n. ___?___, 400, 410, 420, 430, 440

$257 < 287$	$287 > 257$
257 is less than 287	287 is greater than 257

Write > or < for each ?.

a. 67 ? 63

b. 91 ? 95

c. 834 ? 836

d. 297 ? 293

e. 516 ? 512

f. 745 ? 749

g. 84 ? 54

h. 27 ? 67

i. 327 ? 367

j. 914 ? 904

k. 563 ? 583

l. 395 ? 365

m. 600 ? 800

n. 631 ? 831

o. 900 ? 400

p. 967 ? 467

q. 200 ? 500

r. 299 ? 599

s. 299 ? 300

t. 600 ? 599

u. 800 ? 80

v. 8 ? 80

$372 < 508$

372 is less than 508

$508 > 372$

508 is greater than 372

Write > or < for each ?.

a. 600 ? 400

b. 804 ? 840

c. 700 ? 699

d. 555 ? 444

e. 309 ? 390

f. 99 ? 100

g. 631 ? 531

h. 772 ? 768

i. 320 ? 319

j. 614 ? 416

k. 70 ? 7

l. 100 ? 103

m. 305 ? 503

n. 602 ? 620

o. 434 ? 443

p. 781 ? 281

q. 34 ? 834

r. 119 ? 120

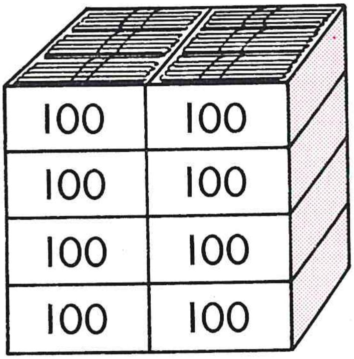
s. 207 ? 200

t. 499 ? 500

u. 375 ? 775

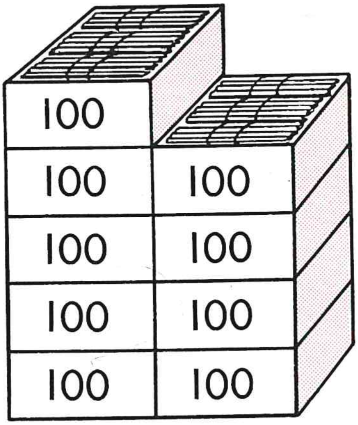
v. 900 ? 100

Give the missing numbers. One hundred pencils are in each box.



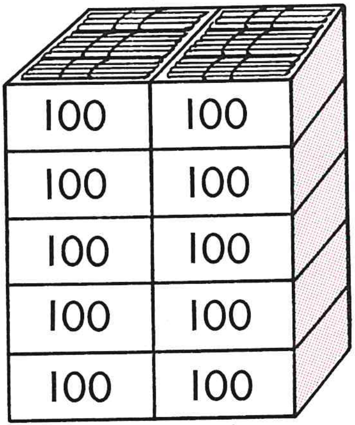
8 hundreds

a. We write ? .



9 hundreds

b. We write ? .

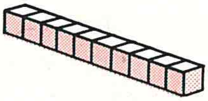


10 hundreds

c. We write ? .

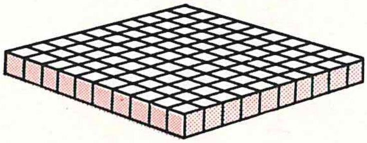
Write the numeral for each set of blocks.

a



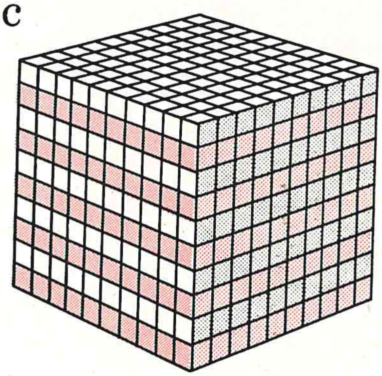
ten ⟶ ?

b



10 tens
one hundred ⟶ ?

c



10 hundreds
one thousand ⟶ ?

Give the missing numerals.

For 7 tens we write 70.

a. For 8 tens we write ?.

b. For 9 tens we write ?.

c. For 10 tens we write ?.

We read "one hundred."

For 7 hundreds we write 700.

d. For 8 hundreds we write ?.

e. For 9 hundreds we write ?.

f. For 10 hundreds we write ?.

We read "one thousand."

★ For 97 tens we write 970.

g. For 98 tens we write ?.

h. For 99 tens we write ?.

i. For 100 tens we write ?.

We read "one thousand."

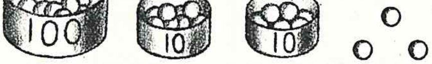
Copy each column, giving the missing numbers.

a	b	c	d
993	991	996	?
994	992	997	?
?	993	998	?
996	994	?	?
?	?	?	?
998	?	?	?
999	?	?	1004
1000	?	?	1005
1001	?	?	1006
1002	?	?	1007

Copy each column, giving the missing numbers.

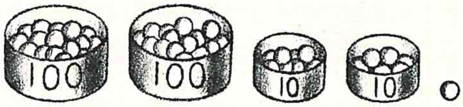
a	b	c	d
100	100	300	993
200	200	400	994
300	300	500	995
?	400	?	?
?	?	?	?
600	?	800	998
?	?	?	?
?	?	?	?
900	?	?	?
1000	?	1200	1002

How many? Write the numerals.



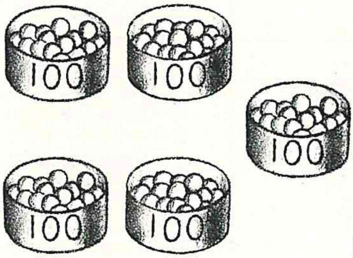
123

a



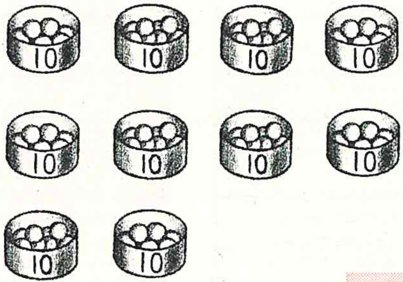
?

b



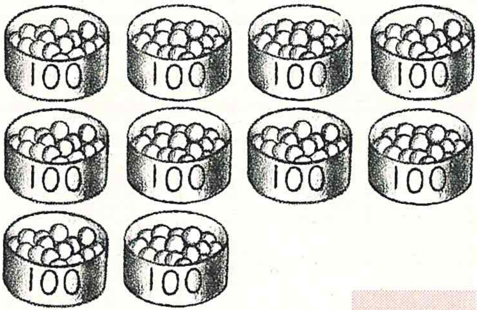
?

c



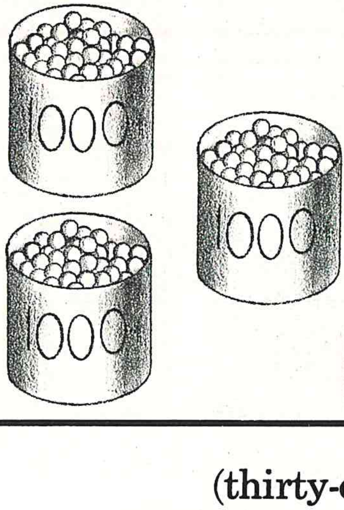
?

d



?

e



?

Copy each column. Give the missing numbers.

a	b	c	★ d
1000	1000	1300	4600
2000	2000	1400	4700
3000	3000	1500	?
?	4000	?	4900
?	?	1700	?
6000	?	?	?
?	?	1900	5200
?	?	2000	?
9000	?	2100	?
10,000	?	?	?

Write the numerals.

ths stands for **thousands.**
hds stands for **hundreds.**

4 hds, 6 tens, and 3 → 463

5 ths, 3 hds, 8 tens, and 6 → 5386

a. 3 hds, 4 tens, and 2 → ?

b. 9 hds, 2 tens, and 2 → ?

c. 2 ths, 4 hds, 6 tens, and 5 → ?

d. 3 ths, 9 hds, 8 tens, and 6 → ?

e. 7 ths, 2 hds, 1 ten, and 4 → ?

f. 6 ths, 5 hds, 4 tens, and 9 → ?

g. 8 ths, 2 hds, 6 tens, and 0 → ?

h. 5 ths, 0 hds, 6 tens, and 2 → ?

i. 7 ths, 0 hds, 5 tens, and 0 → ?

j. 5 ths, 8 tens → ?

3000 < 5000	5000 > 3000
3000 is less than 5000	5000 is greater than 3000

Write > or < for each ?.

a. 6000 ? 7000

b. 8000 ? 2000

c. 7000 ? 5000

d. 1000 ? 3000

e. 9000 ? 8000

f. 7000 ? 8000

g. 3000 ? 9000

h. 5000 ? 1000

i. 4000 ? 5000

j. 3000 ? 2000

k. 6000 ? 9000

★ l. 2000 ? 2500

★ m. 6000 ? 5400

★ n. 2000 ? 2001

★ o. 3999 ? 4000

★ p. 2500 ? 2600

★ q. 2900 ? 3000

★ r. 6000 ? 5999

★ s. 5900 ? 6000

★ t. 5900 ? 5800

★ u. 1100 ? 1200

★ v. 7200 ? 7100

★1. Write > or < for each ?.

a. 5384 ? 5387

b. 2960 ? 2961

c. 8329 ? 8327

d. 1004 ? 1000

e. 6235 ? 6215

f. 7451 ? 7481

g. 4269 ? 4219

h. 3269 ? 3169

i. 6918 ? 6718

j. 8274 ? 8574

k. 8457 ? 5457

l. 3724 ? 2724

m. 4781 ? 781

n. 32 ? 5032

★2. Give the missing numbers.

a. 3748 is ? tens greater than 3708.

b. 5417 is ? hundreds greater than 5117.

c. 4361 is ? thousands less than 6361.

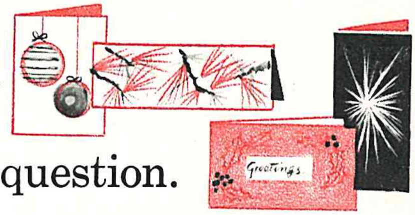
A DAY AT THE MOUNTAINS

Choose the correct answer to each question. Write the answer on your paper.

1. Frank's family drove to the mountains. It was 327 miles to Mount Hope and 341 miles to White Mountain. Which mountain was farther?
2. Mount Hope is about 9000 feet high. White Mountain is 8500 feet high. Which mountain is higher?
3. An airplane flying at 8800 feet could fly over which mountain?
4. Greenville, near Mount Hope, has 3287 people. Frank lives in Apple Valley. It has 4125 people. Which town has more people?

1	Mount Hope White Mountain
2	Mount Hope White Mountain
3	Mount Hope White Mountain
4	Greenville Apple Valley

collecting cards



Write the correct answer to each question.

The children in the Brown School collected greeting cards to give to the hospital. Here is the number of cards collected by each room.

Room	Cards
A	356
B	248
C	219
D	365
E	373
F	284

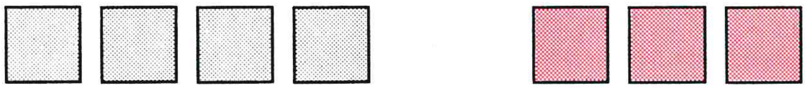
1. Which room has the most?
2. Which room has the least?
3. Which room has more than 370?

Listed below is the total number of greeting cards collected by the Brown School and 3 other schools.

Brown School	1850
Hill School	1750
Post School	1700
Wells School	1800

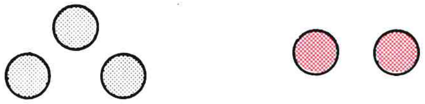
★4. Which school has the most?

★5. Which school has less than 1800 and more than 1700?

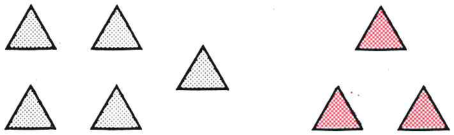


4 + 3 = 7

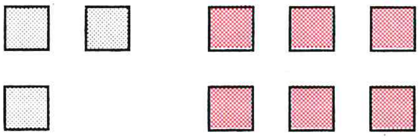
Write addition equations.



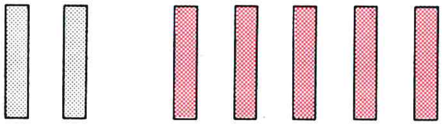
3 + 2 = 5



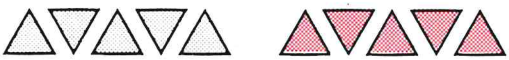
a. ? + ? = ?



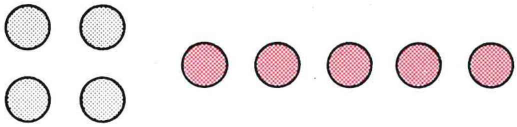
b. ? + ? = ?



c. ? + ? = ?

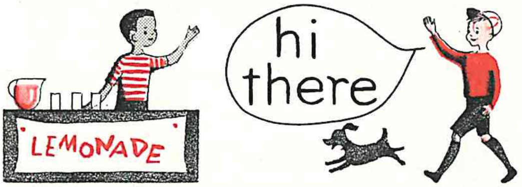


d. ? + ? = ?

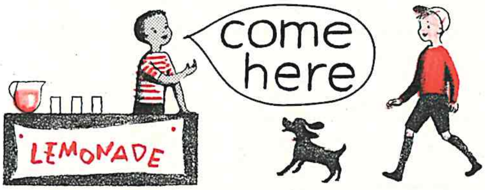


e. ? + ? = ?

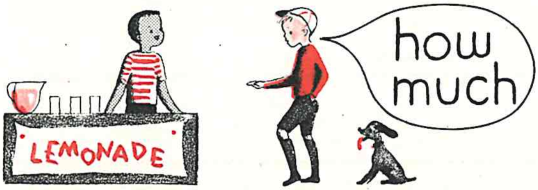
How many letters in the rings?



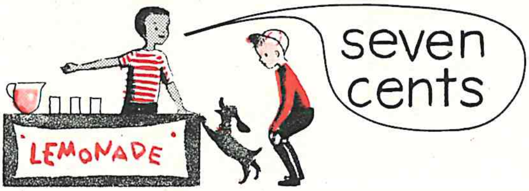
a. $2 + 5 = \boxed{?}$



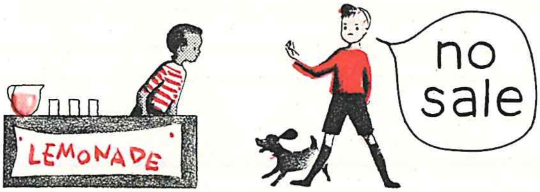
b. $4 + 4 = \boxed{?}$



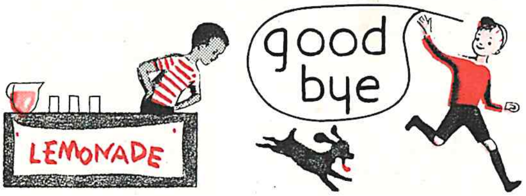
c. $3 + 4 = \boxed{?}$



d. $5 + 5 = \boxed{?}$

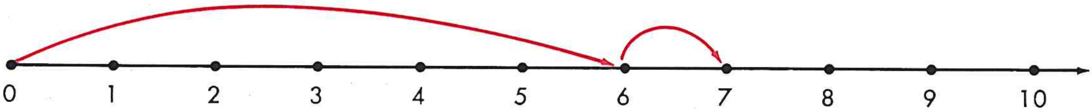


e. $2 + 4 = \boxed{?}$

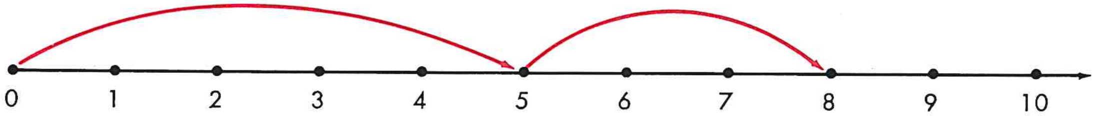


f. $4 + 3 = \boxed{?}$

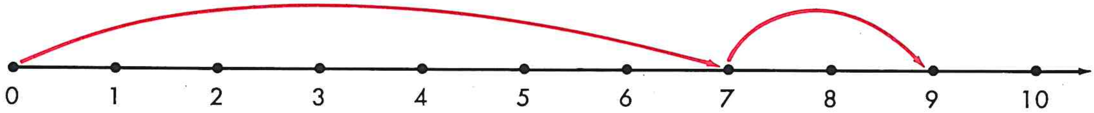
Study the number line; then solve the equation.



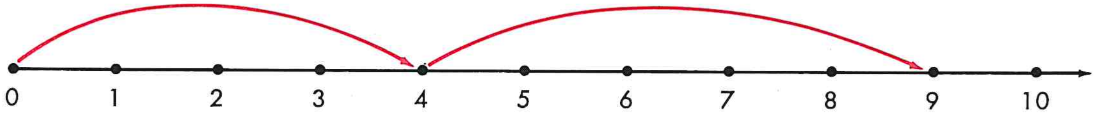
$6 + 1 = \boxed{7}$



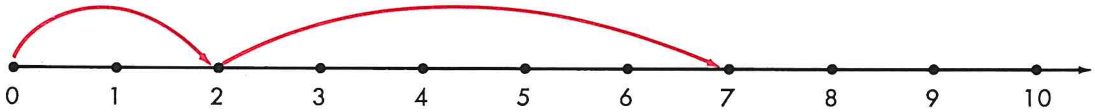
a. $5 + 3 = \boxed{?}$



b. $7 + 2 = \boxed{?}$



c. $4 + 5 = \boxed{?}$



d. $2 + 5 = \boxed{?}$

Write addition equations about 9.

⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ | 9 + 0 = 9

⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ 🟥 | 8 + 1 = 9

a. ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ 🟥 🟥 | ? + ? = 9

b. ⬜ ⬜ ⬜ ⬜ ⬜ ⬜ 🟥 🟥 🟥 | ? + ? = 9

c. ⬜ ⬜ ⬜ ⬜ ⬜ 🟥 🟥 🟥 🟥 | ? + ? = 9

d. ⬜ ⬜ ⬜ ⬜ 🟥 🟥 🟥 🟥 🟥 | ? + ? = 9

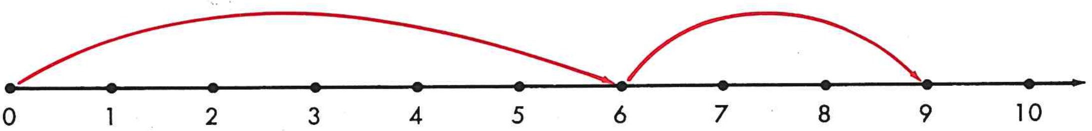
e. ⬜ ⬜ ⬜ 🟥 🟥 🟥 🟥 🟥 🟥 | ? + ? = 9

f. ⬜ ⬜ 🟥 🟥 🟥 🟥 🟥 🟥 🟥 | ? + ? = 9

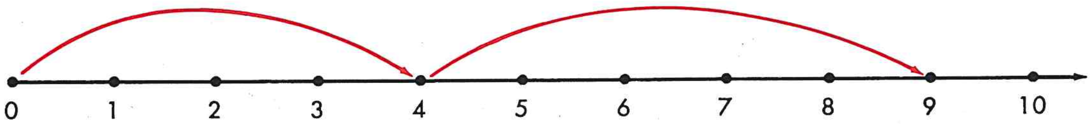
g. ⬜ 🟥 🟥 🟥 🟥 🟥 🟥 🟥 🟥 | ? + ? = 9

h. 🟥 🟥 🟥 🟥 🟥 🟥 🟥 🟥 🟥 | ? + ? = 9

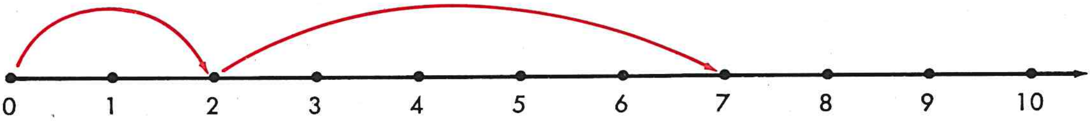
Study the number line; then write the equation.



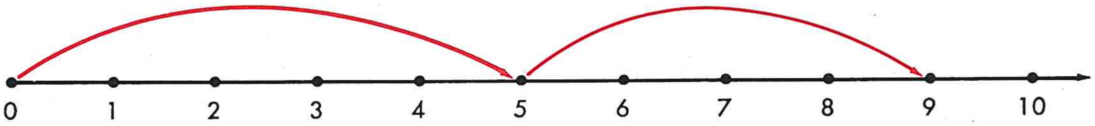
6 + 3 = 9



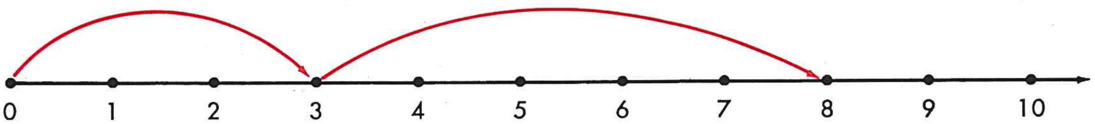
a. ? + ? = ?



b. ? + ? = ?

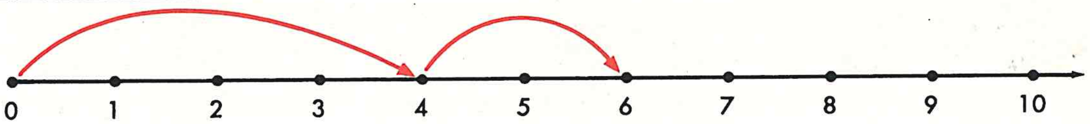


c. ? + ? = ?

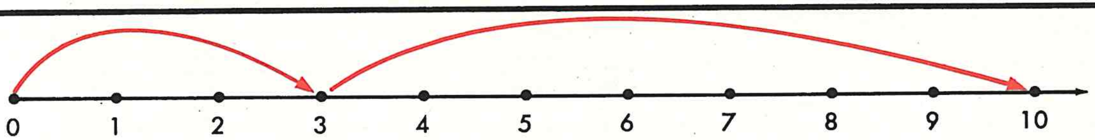


d. ? + ? = ?

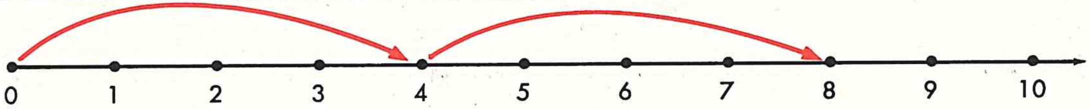
Study the number line; then solve the equation.



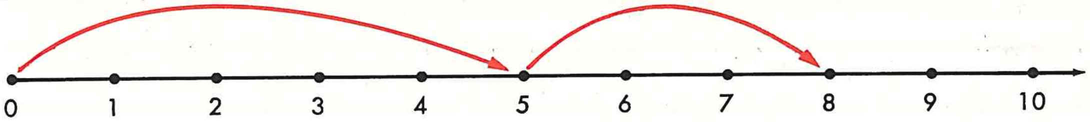
a. 4 + 2 = $\boxed{6}$



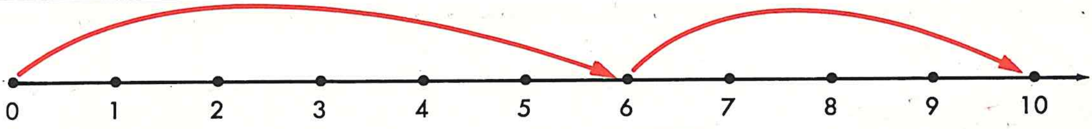
b. 3 + 7 = $\boxed{?}$



c. 4 + 4 = $\boxed{?}$

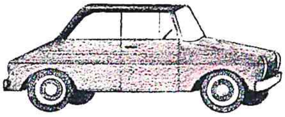
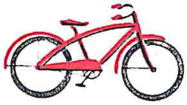


d. 5 + 3 = $\boxed{?}$

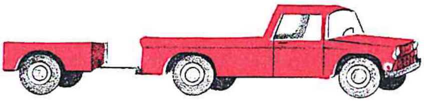
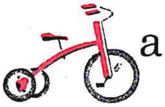


e. 6 + 4 = $\boxed{?}$

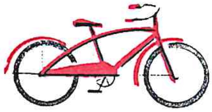
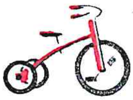
Write equations about the sets of wheels.

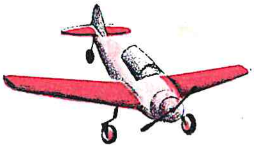
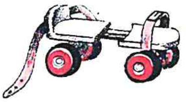
4 + 2 = 6

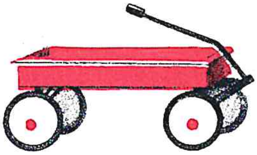
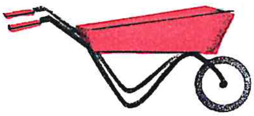
a. ? + ? = ?

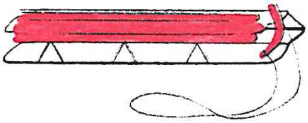
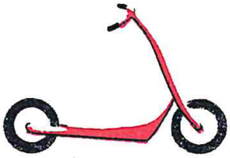
b. ? + ? = ?

c. ? + ? = ?

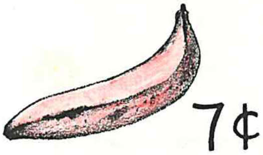



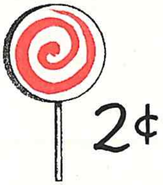
d. ? + ? = ?

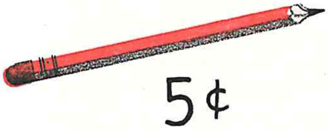
e. ? + ? = ?

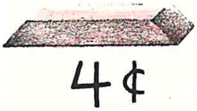
How many cents for both?



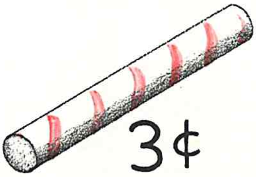


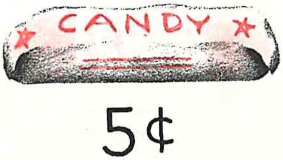
a. 7 + 2 = ?



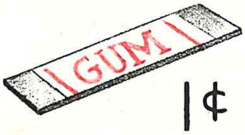


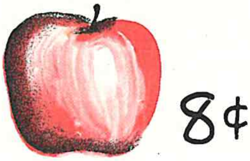
b. 5 + 4 = ?



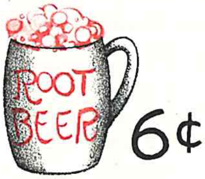


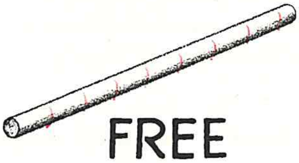
c. 3 + 5 = ?



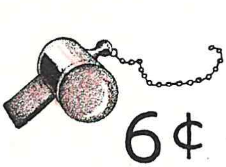


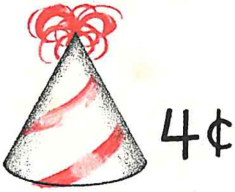
d. 1 + 8 = ?



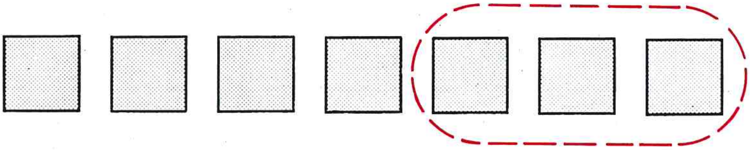


e. 6 + 0 = ?



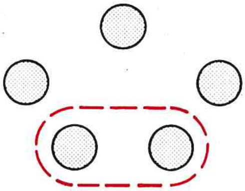


f. 6 + 4 = ?

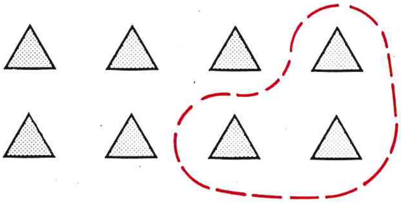


7 − 3 = 4

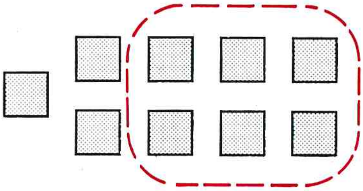
Write subtraction equations.



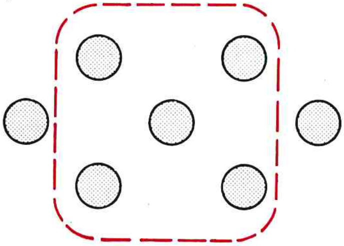
a. ? − ? = ?



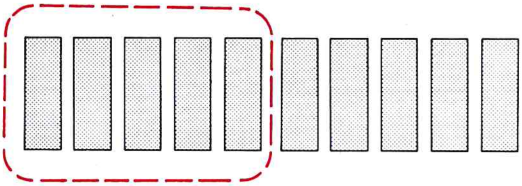
b. ? − ? = ?



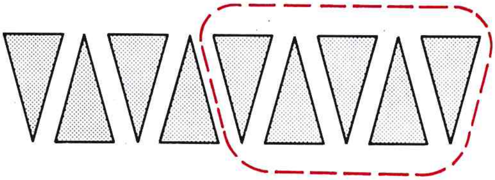
c. ? − ? = ?



d. ? − ? = ?

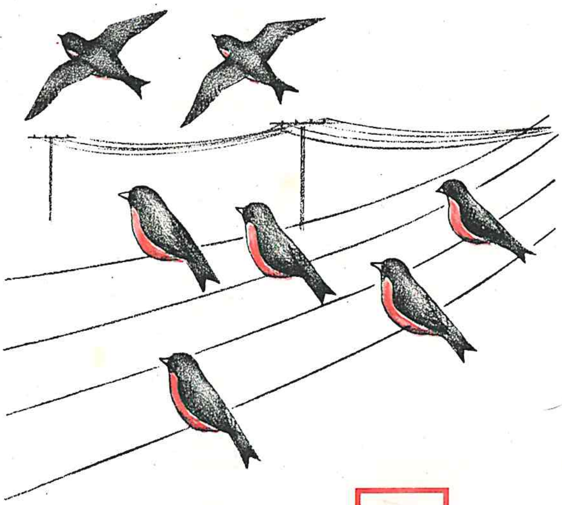


e. ? − ? = ?

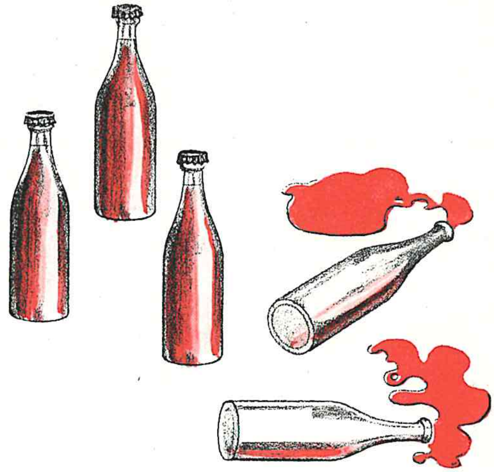


f. ? − ? = ?

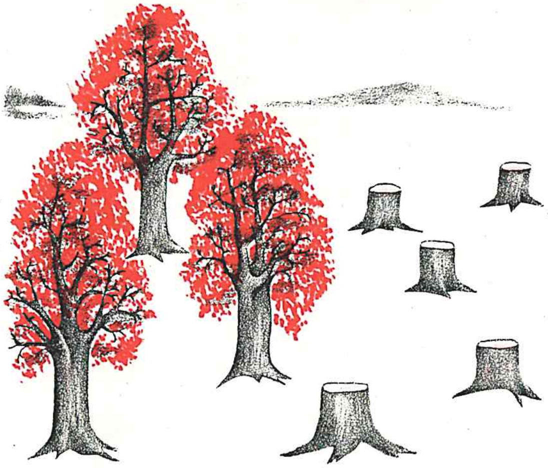
Solve the subtraction equations.



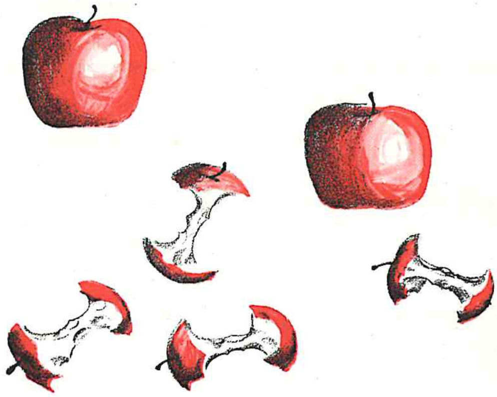
a. $7 - 2 = \boxed{?}$



b. $5 - 2 = \boxed{?}$

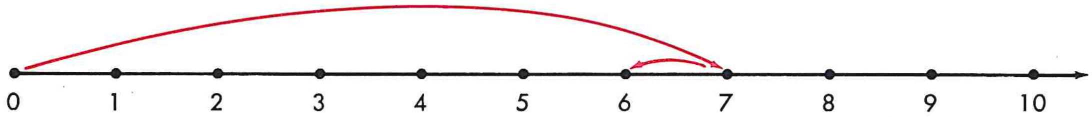


c. $8 - 5 = \boxed{?}$

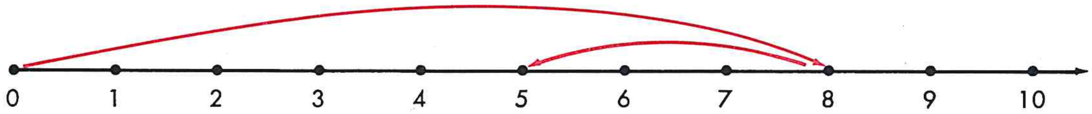


d. $6 - 4 = \boxed{?}$

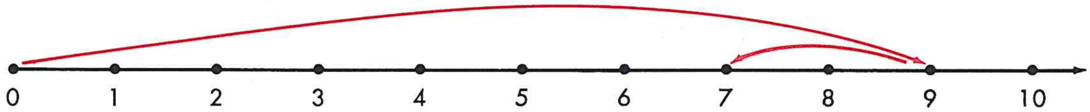
Study the number line; then solve the equation.



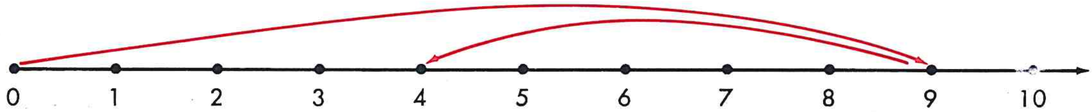
$7 - 1 = \boxed{6}$



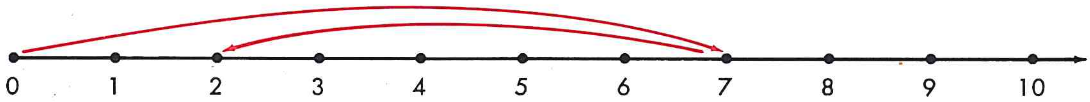
a. $8 - 3 = \boxed{?}$



b. $9 - 2 = \boxed{?}$

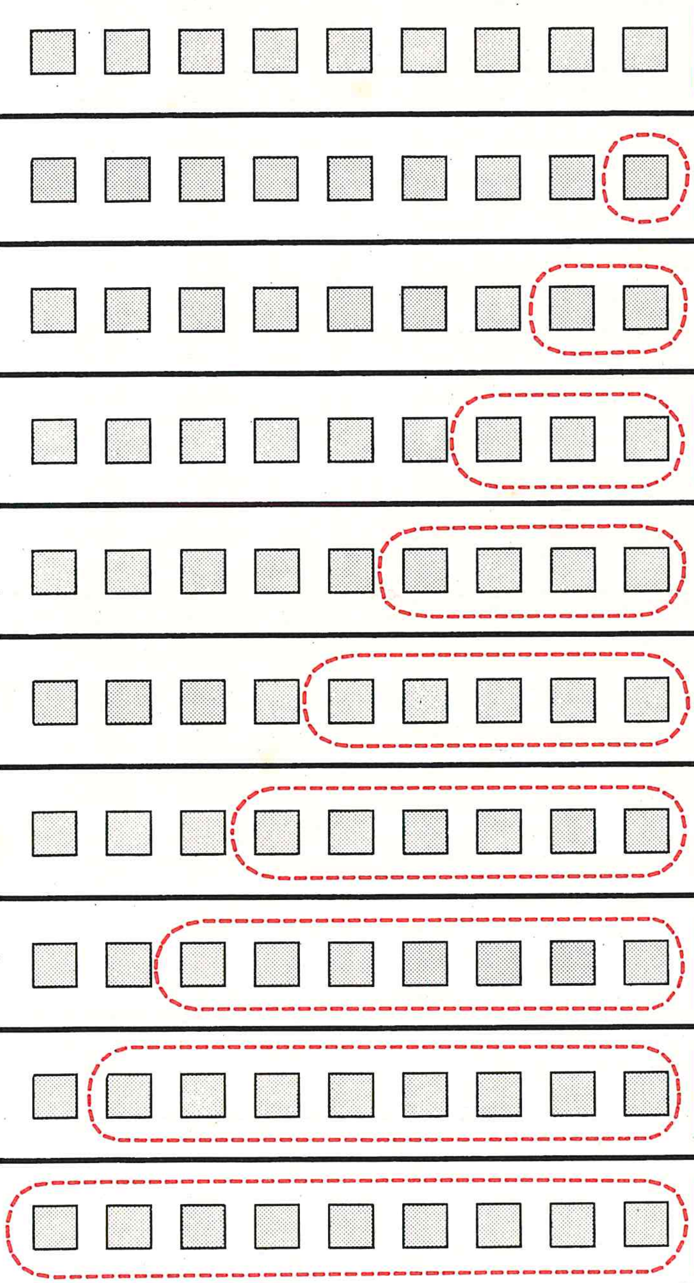


c. $9 - 5 = \boxed{?}$



d. $7 - 5 = \boxed{?}$

Write subtraction equations about 9.



9 − 0 = 9

9 − 1 = 8

a 9 − ? = ?

b 9 − ? = ?

c 9 − ? = ?

d 9 − ? = ?

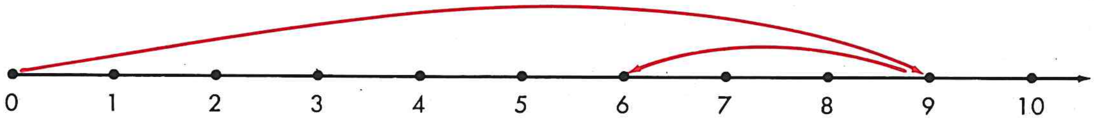
e 9 − ? = ?

f 9 − ? = ?

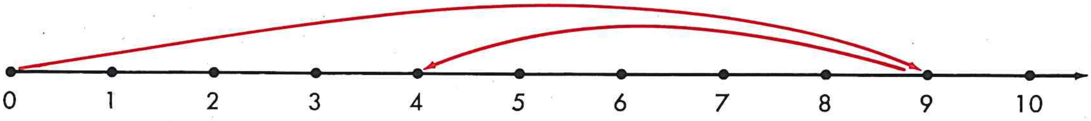
g 9 − ? = ?

h 9 − ? = ?

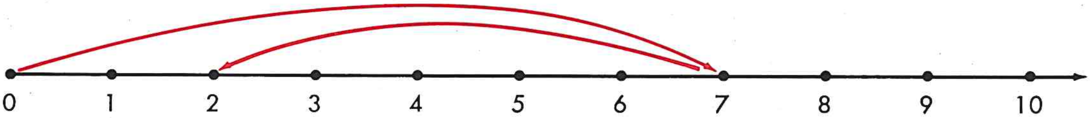
Study the number line; then write the equation.



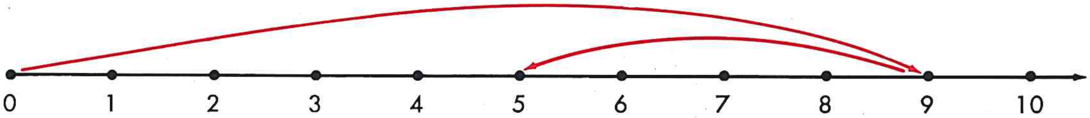
9 – 3 = 6



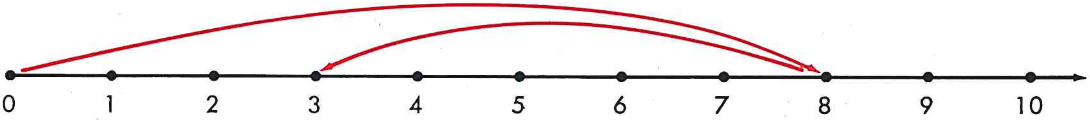
a. ? – ? = ?



b. ? – ? = ?

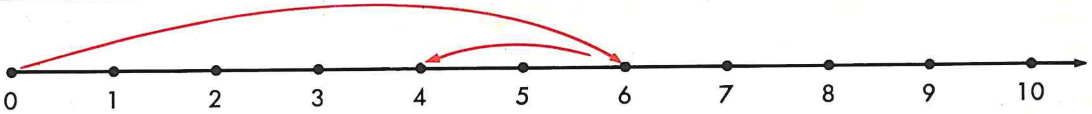


c. ? – ? = ?

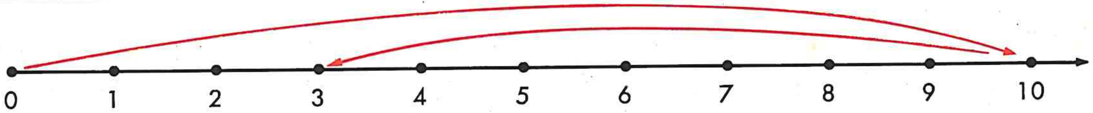


d. ? – ? = ?

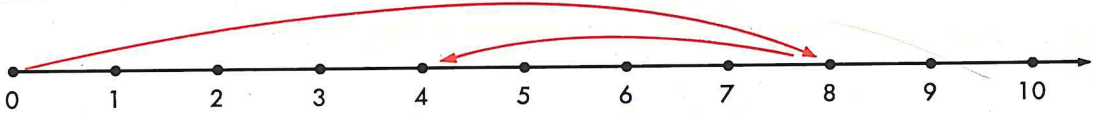
Study the number line; then solve the equation.



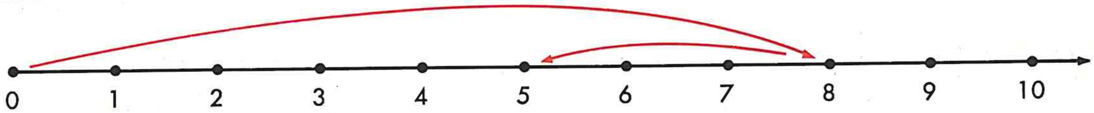
$6 - 2 = \boxed{4}$



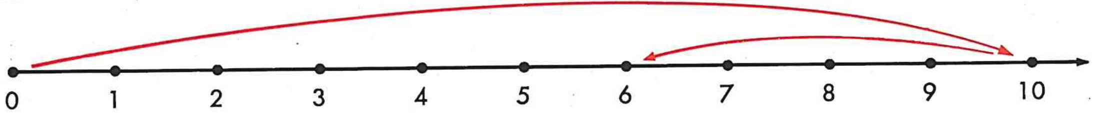
a. $10 - 7 = \boxed{?}$



b. $8 - 4 = \boxed{?}$

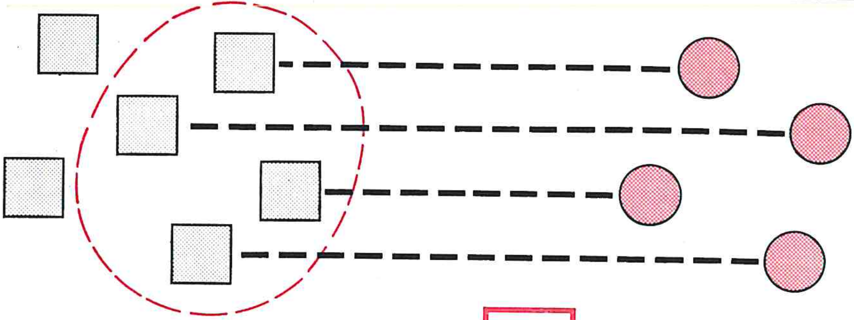


c. $8 - 3 = \boxed{?}$

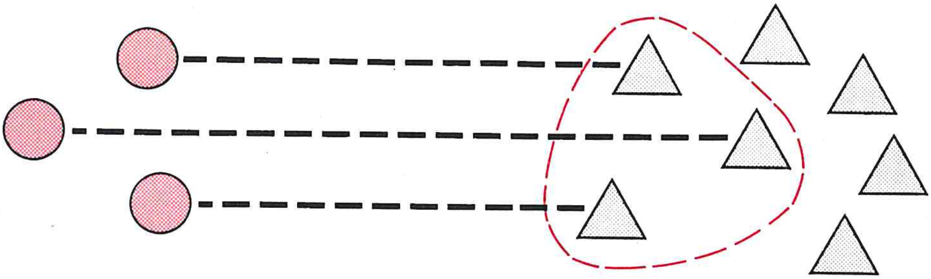


d. $10 - 4 = \boxed{?}$

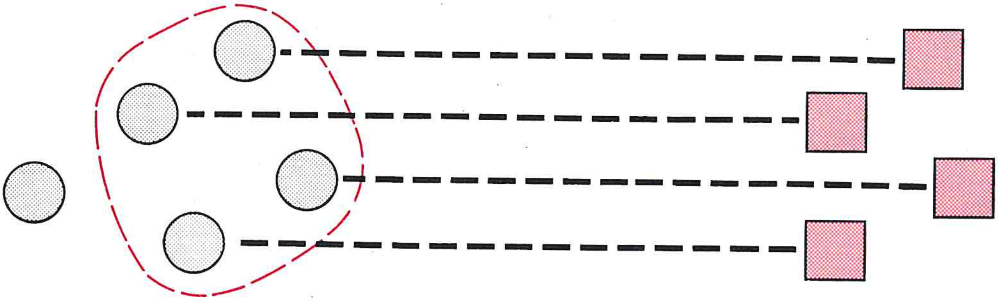
Solve the equations.



a. $6 - 4 = \boxed{?}$

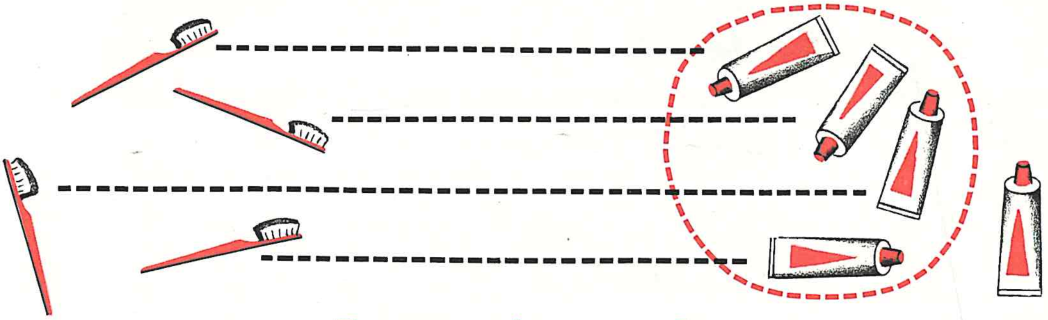


b. $7 - 3 = \boxed{?}$

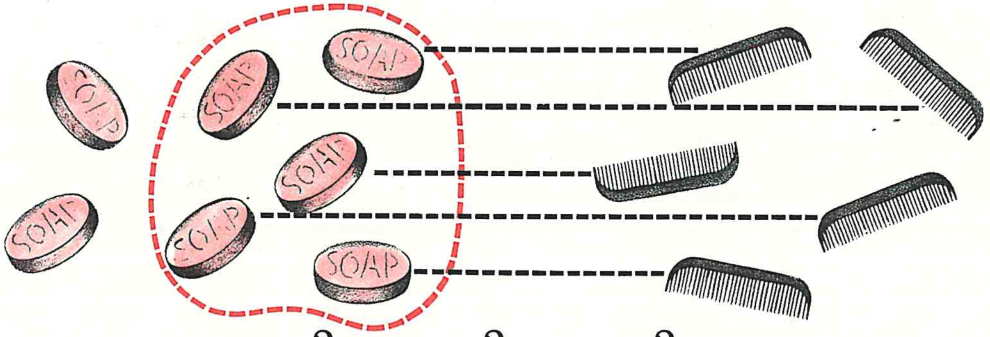


c. $5 - 4 = \boxed{?}$

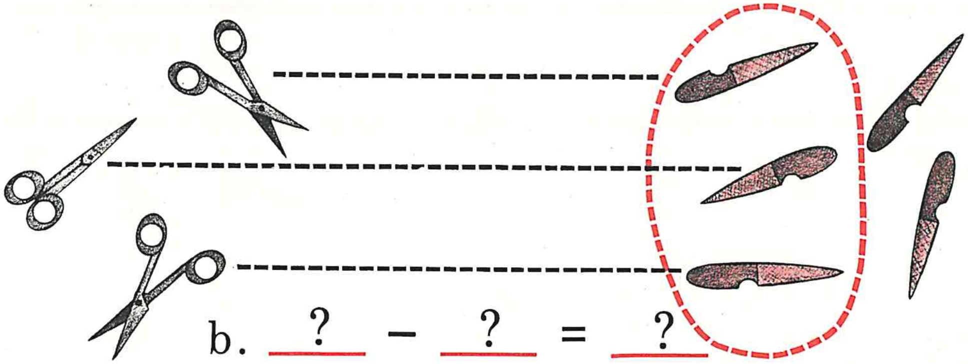
Which set has more? Use subtraction to find how many more. Write subtraction equations.



5 − 4 = 1

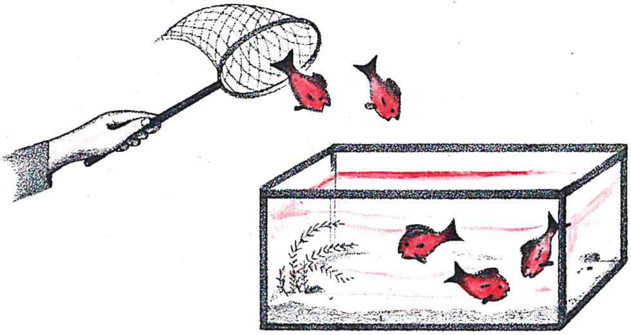


a. ? − ? = ?

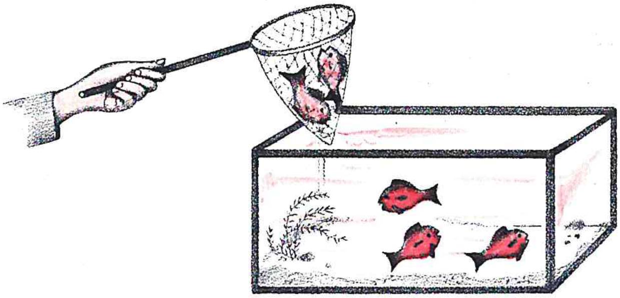


b. ? − ? = ?

Solve the equations.



a. $3 + 2 = \boxed{?}$



b. $5 - 2 = \boxed{?}$

c. $6 + 3 = \boxed{?}$

d. $9 - 3 = \boxed{?}$

e. $3 + 4 = \boxed{?}$

f. $7 - 4 = \boxed{?}$

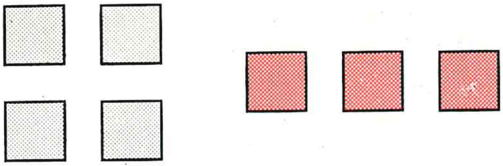
g. $2 + 5 = \boxed{?}$

h. $7 - 5 = \boxed{?}$

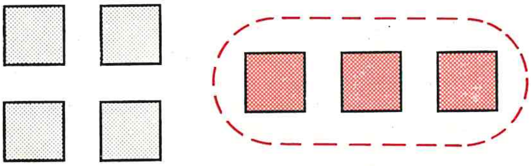
i. $5 + 2 = \boxed{?}$

j. $7 - 2 = \boxed{?}$

Study the sets; then solve the equations.



a. $4 + 3 = \boxed{?}$



b. $7 - 3 = \boxed{?}$

c. $5 + 1 = \boxed{?}$

d. $6 - 1 = \boxed{?}$

e. $2 + 4 = \boxed{?}$

f. $6 - 4 = \boxed{?}$

g. $7 + 3 = \boxed{?}$

h. $10 - 3 = \boxed{?}$

i. $5 + 3 = \boxed{?}$

j. $8 - 3 = \boxed{?}$

Solve the equations.

a. $6 + 2 = \boxed{?}$

b. $8 - 2 = \boxed{?}$

c. $3 + 4 = \boxed{?}$

d. $7 - 4 = \boxed{?}$

e. $5 + 5 = \boxed{?}$

f. $10 - 5 = \boxed{?}$

g. $1 + 7 = \boxed{?}$

h. $8 - 7 = \boxed{?}$

i. $3 + 6 = \boxed{?}$

j. $9 - 6 = \boxed{?}$

k. $2 + 5 = \boxed{?}$

l. $7 - 5 = \boxed{?}$

m. $4 + 4 = \boxed{?}$

n. $8 - 4 = \boxed{?}$

o. $3 + 3 = \boxed{?}$

p. $6 - 3 = \boxed{?}$

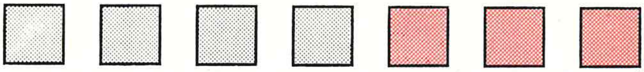
q. $4 + 5 = \boxed{?}$

r. $9 - 5 = \boxed{?}$

s. $8 + 2 = \boxed{?}$

t. $10 - 2 = \boxed{?}$

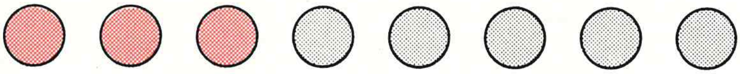
Write 4 equations for each set.



4 + 3 = 7   3 + 4 = 7

7 − 3 = 4   7 − 4 = 3

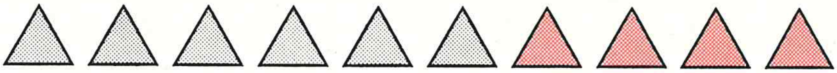
a



? + ? = ?   ? + ? = ?

? − ? = ?   ? − ? = ?

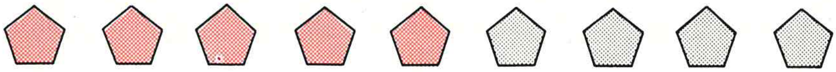
b



? + ? = ?   ? + ? = ?

? − ? = ?   ? − ? = ?

c



? + ? = ?   ? + ? = ?

? − ? = ?   ? − ? = ?

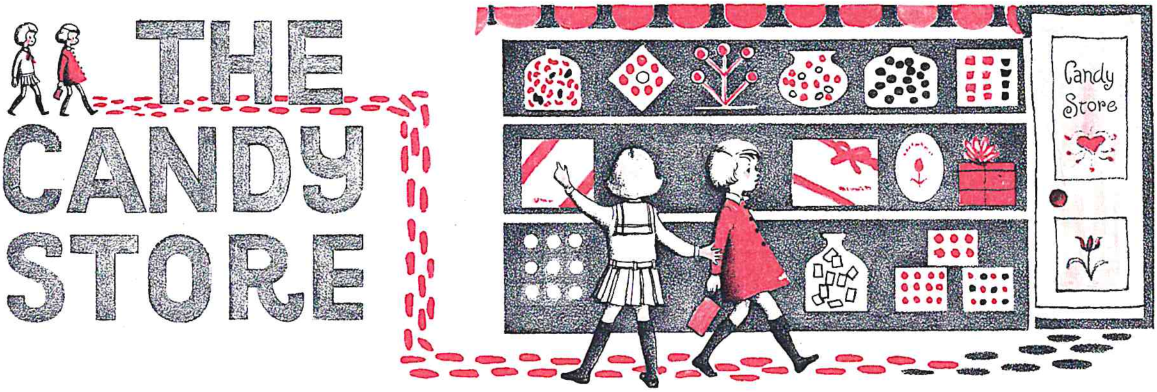
Find the sums.

		a	b	c	d
$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$
e	f	g	h	i	j
$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$
k	l	m	n	o	p
$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$
q	r	s	t	u	v
$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$

Copy the table. Then give the missing numbers.

+	0	1	2	3	4	5	6	7	8	9
0							6			
1				4						
2							8			
3										
4										
5			7							
6					10					
7										
8		9								
9										

THE CANDY STORE



1. Sally and Jane walked to the candy store. Sally had 3 cents and Jane had 4 cents. How much did the girls have in all?

2. Jane found 5 cents on the way to the store. How much did she have then?

3. Jane bought 6 gumdrops. Sally bought 2 candy mints. How many pieces of candy did they buy?

4. Jane ate 5 gumdrops. Sally ate 2 mints. How many pieces of candy did they eat?

5. The girls walked home. They live 5 blocks from the store. How many blocks had they walked in all?

Find the sums.

1. a. $6 + 4 = \boxed{?}$

b. $5 + 2 = \boxed{?}$

c. $3 + 5 = \boxed{?}$

d. $4 + 2 = \boxed{?}$

e. $0 + 7 = \boxed{?}$

f. $8 + 1 = \boxed{?}$

g. $7 + 3 = \boxed{?}$

h. $6 + 2 = \boxed{?}$

i. $5 + 5 = \boxed{?}$

j. $3 + 4 = \boxed{?}$

k. $1 + 8 = \boxed{?}$

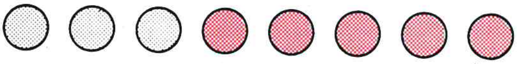
l. $4 + 4 = \boxed{?}$

2\.

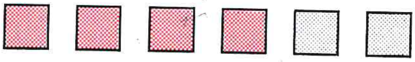
a	b	c	d	e	f
6	5	6	2	7	6
+2	+0	+3	+8	+2	+1

g	h	i	j	k	l
3	2	5	4	5	4
+5	+2	+2	+1	+4	+6

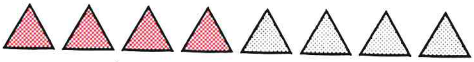
Solve the equations.



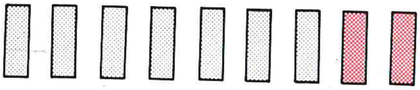
a. $3 + \boxed{?} = 8$



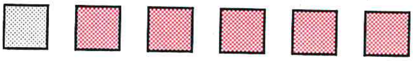
b. $\boxed{?} + 2 = 6$



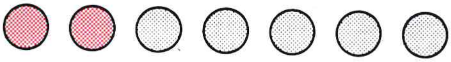
c. $\boxed{?} + 4 = 8$



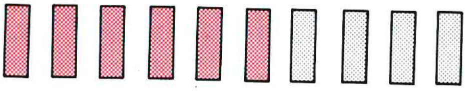
d. $7 + \boxed{?} = 9$



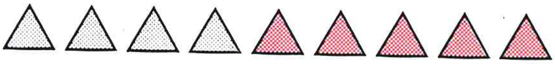
e. $1 + \boxed{?} = 6$



f. $\boxed{?} + 5 = 7$

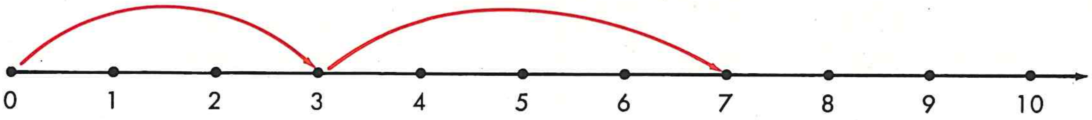


g. $\boxed{?} + 4 = 10$

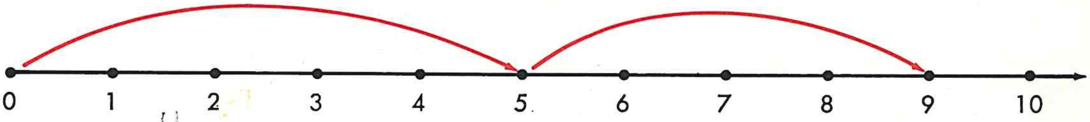


h. $4 + \boxed{?} = 9$

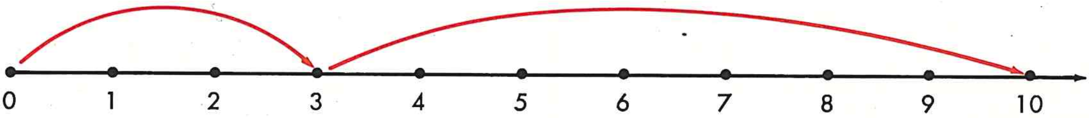
Study the number line; then solve the equation.



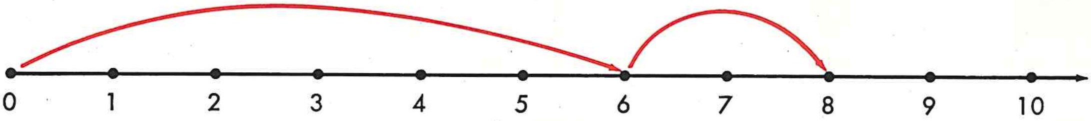
a. $3 + \boxed{?} = 7$



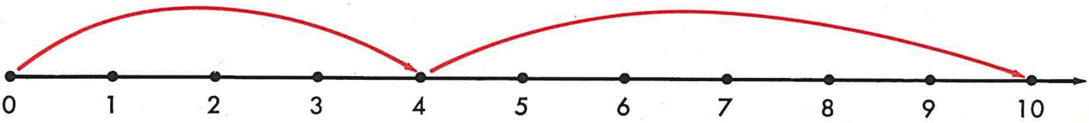
b. $\boxed{?} + 4 = 9$



c. $\boxed{?} + 7 = 10$



d. $6 + \boxed{?} = 8$



e. $4 + \boxed{?} = 10$

Solve the equations.

a. $2 + \boxed{?} = 6$

b. $\boxed{?} + 5 = 8$

c. $6 + \boxed{?} = 10$

d. $2 + \boxed{?} = 5$

e. $\boxed{?} + 4 = 8$

f. $\boxed{?} + 3 = 7$

g. $7 + \boxed{?} = 10$

h. $5 + \boxed{?} = 9$

i. $\boxed{?} + 2 = 7$

j. $\boxed{?} + 5 = 10$

k. $3 + \boxed{?} = 6$

l. $\boxed{?} + 2 = 10$

m. $\boxed{?} + 5 = 7$

n. $6 + \boxed{?} = 8$

o. $\boxed{?} + 2 = 6$

p. $\boxed{?} + 3 = 10$

q. $2 + \boxed{?} = 7$

r. $\boxed{?} + 2 = 9$

s. $4 + \boxed{?} = 10$

t. $4 + \boxed{?} = 7$

Solve the equations.

a. $2 + \boxed{?} = 6$

b. $3 + \boxed{?} = 5$

c. $5 + \boxed{?} = 6$

d. $3 + \boxed{?} = 6$

e. $2 + \boxed{?} = 4$

f. $1 + \boxed{?} = 5$

g. $2 + \boxed{?} = 3$

h. $4 + \boxed{?} = 4$

i. $1 + \boxed{?} = 2$

j. $0 + \boxed{?} = 6$

k. $6 + \boxed{?} = 9$

l. $4 + \boxed{?} = 9$

m. $2 + \boxed{?} = 8$

n. $4 + \boxed{?} = 10$

o. $8 + \boxed{?} = 8$

p. $2 + \boxed{?} = 9$

q. $5 + \boxed{?} = 7$

r. $7 + \boxed{?} = 10$

s. $0 + \boxed{?} = 7$

t. $4 + \boxed{?} = 6$

Solve the equations.

a. $6 - 2 = \boxed{?}$

b. $5 - 3 = \boxed{?}$

c. $6 - 5 = \boxed{?}$

d. $6 - 3 = \boxed{?}$

e. $4 - 2 = \boxed{?}$

f. $5 - 1 = \boxed{?}$

g. $3 - 2 = \boxed{?}$

h. $4 - 4 = \boxed{?}$

i. $2 - 1 = \boxed{?}$

j. $6 - 0 = \boxed{?}$

k. $9 - 6 = \boxed{?}$

l. $9 - 4 = \boxed{?}$

m. $8 - 2 = \boxed{?}$

n. $10 - 4 = \boxed{?}$

o. $8 - 8 = \boxed{?}$

p. $9 - 2 = \boxed{?}$

q. $7 - 5 = \boxed{?}$

r. $10 - 7 = \boxed{?}$

s. $7 - 0 = \boxed{?}$

t. $6 - 4 = \boxed{?}$

Solve.

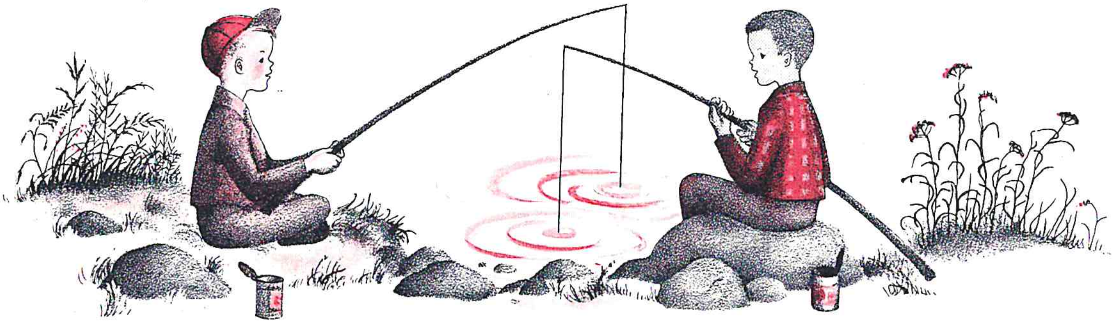
		a	b	c	d	e
1.	$\begin{array}{r}4\\-1\\\hline 3\end{array}$	$\begin{array}{r}3\\-2\\\hline\end{array}$	$\begin{array}{r}5\\-1\\\hline\end{array}$	$\begin{array}{r}4\\-2\\\hline\end{array}$	$\begin{array}{r}6\\-3\\\hline\end{array}$	$\begin{array}{r}5\\-3\\\hline\end{array}$

	a	b	c	d	e	f
2.	$\begin{array}{r}6\\-2\\\hline\end{array}$	$\begin{array}{r}6\\-5\\\hline\end{array}$	$\begin{array}{r}4\\-3\\\hline\end{array}$	$\begin{array}{r}6\\-0\\\hline\end{array}$	$\begin{array}{r}4\\-4\\\hline\end{array}$	$\begin{array}{r}2\\-1\\\hline\end{array}$

	a	b	c	d	e	f
3.	$\begin{array}{r}8\\-5\\\hline\end{array}$	$\begin{array}{r}9\\-4\\\hline\end{array}$	$\begin{array}{r}6\\+4\\\hline\end{array}$	$\begin{array}{r}7\\-0\\\hline\end{array}$	$\begin{array}{r}2\\+7\\\hline\end{array}$	$\begin{array}{r}7\\-5\\\hline\end{array}$

	a	b	c	d	e	f
4.	$\begin{array}{r}9\\-2\\\hline\end{array}$	$\begin{array}{r}3\\+4\\\hline\end{array}$	$\begin{array}{r}10\\-4\\\hline\end{array}$	$\begin{array}{r}6\\+2\\\hline\end{array}$	$\begin{array}{r}9\\-5\\\hline\end{array}$	$\begin{array}{r}9\\-6\\\hline\end{array}$

	a	b	c	d	e	f
5.	$\begin{array}{r}6\\+3\\\hline\end{array}$	$\begin{array}{r}8\\-6\\\hline\end{array}$	$\begin{array}{r}10\\-2\\\hline\end{array}$	$\begin{array}{r}6\\+1\\\hline\end{array}$	$\begin{array}{r}5\\+4\\\hline\end{array}$	$\begin{array}{r}10\\-5\\\hline\end{array}$



The Fishing Trip

1. Bill had 9 fishhooks and gave 4 to Tom. How many did he have left?

2. Tom had to get the bait. He found 10 fat, green bugs and gave 5 to Bill. How many did he have left?

3. Bill caught 3 fish, and Tom caught only 1. How many more did Bill catch than Tom?

4. How many fish did they catch in all?

5. Tom used 3 pieces of bait. Bill used 4 pieces of bait. How many pieces of bait did they use in all?

Solve.

1. a. $10 - 4 = \boxed{?}$

b. $7 - 2 = \boxed{?}$

c. $8 - 5 = \boxed{?}$

d. $6 - 2 = \boxed{?}$

e. $7 - 7 = \boxed{?}$

f. $9 - 1 = \boxed{?}$

g. $10 - 3 = \boxed{?}$

h. $8 - 2 = \boxed{?}$

i. $10 - 5 = \boxed{?}$

j. $7 - 4 = \boxed{?}$

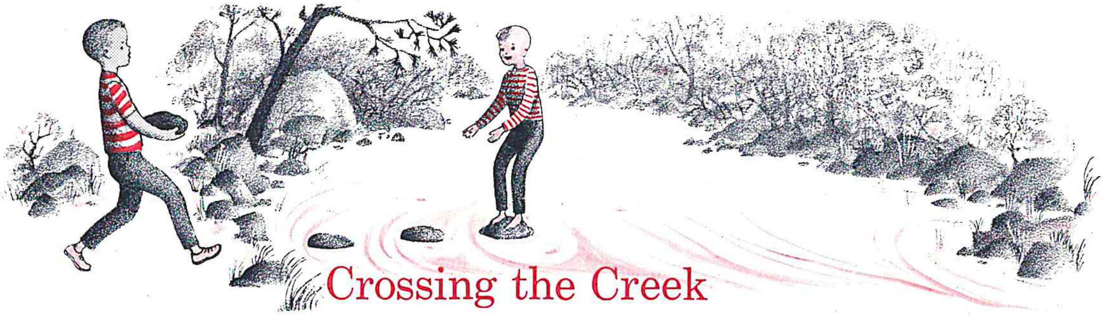
k. $9 - 8 = \boxed{?}$

l. $8 - 4 = \boxed{?}$

2\.

a	b	c	d	e	f
$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$

g	h	i	j	k	l
$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$



Crossing the Creek

1. Jim and John built a path across the creek. They put 4 rocks in the water. They needed 3 more to get across. How many did they need in all for the path?

2. Jim carried 3 of the rocks. How many did John carry?

3. Each boy stood on a different rock to watch for fish. How many rocks were they not using?

4. The boys built another path farther up the creek. They used 9 rocks for the new path. The new path had how many more rocks than the other one?

5. John carried 5 of the rocks for the new path. How many did Jim carry?

Solve.

1.

a	b	c	d	e	f
8	7	5	4	3	6
−3	+2	−1	+4	+2	−2

g	h	i	j	k	l
9	1	10	6	2	10
−2	+7	−4	+3	+6	−5

2. a. $5 + 4 = \boxed{?}$

b. $6 - 2 = \boxed{?}$

c. $5 + 2 = \boxed{?}$

d. $10 - 3 = \boxed{?}$

e. $4 + 4 = \boxed{?}$

f. $7 - 7 = \boxed{?}$

g. $0 + 6 = \boxed{?}$

h. $4 + 3 = \boxed{?}$

i. $8 - 0 = \boxed{?}$

j. $6 + 4 = \boxed{?}$

k. $10 - 1 = \boxed{?}$

l. $3 + 6 = \boxed{?}$

Study the sets and equations.

$3 + 4 = 7$

$4 + 3 = 7$

Solve the equations.

a. $1 + 3 = \boxed{?}$

b. $3 + 1 = \boxed{?}$

c. $2 + 4 = \boxed{?}$

d. $4 + 2 = \boxed{?}$

e. $5 + 1 = \boxed{?}$

f. $1 + 5 = \boxed{?}$

g. $4 + 5 = \boxed{?}$

h. $5 + 4 = \boxed{?}$

i. $2 + 6 = \boxed{?}$

j. $6 + 2 = \boxed{?}$

k. $8 + 2 = \boxed{?}$

l. $2 + 8 = \boxed{?}$

1. Solve the equations.

a. $2 + 3 = \boxed{?} + 2$

b. $4 + 1 = 1 + \boxed{?}$

c. $5 + 2 = 2 + \boxed{?}$

d. $2 + 6 = \boxed{?} + 2$

e. $9 + 8 = \boxed{?} + 9$

f. $\boxed{?} + 3 = 3 + 4$

g. $3 + \boxed{?} = 5 + 3$

h. $\boxed{?} + 2 = 2 + 7$

i. $\boxed{?} + 7 = 7 + 6$

j. $6 + \boxed{?} = 1 + 6$

2. Copy and complete each equation.

a. $\underline{\ ?\ } + 6 = 6 + \underline{\ ?\ }$

b. $2 + \underline{\ ?\ } = \underline{\ ?\ } + 2$

c. $3 + \underline{\ ?\ } = \underline{\ ?\ } + 3$

d. $\underline{\ ?\ } + 5 = 5 + \underline{\ ?\ }$

e. $4 + \underline{\ ?\ } = \underline{\ ?\ } + 4$

f. $\underline{\ ?\ } + 9 = 9 + \underline{\ ?\ }$

★

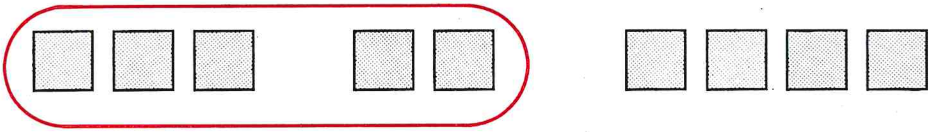
.$20 + \underline{\ ?\ } = \underline{\ ?\ } + 20$

.$\underline{\ ?\ } + 23 = 23 + \underline{\ ?\ }$

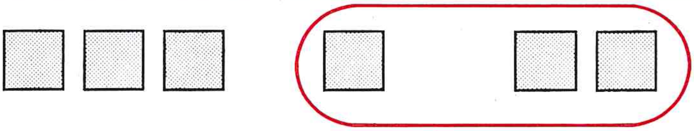
i. $\underline{\ ?\ } + 48 = 48 + \underline{\ ?\ }$

j. $56 + \underline{\ ?\ } = \underline{\ ?\ } + 56$

Study the sets and equations.



$$(3 + 2) + 4 = 5 + 4$$



$$3 + (1 + 2) = 3 + 3$$

Solve the equations.

a. $(2 + 3) + 1 = \boxed{?} + 1$

b. $3 + (2 + 2) = 3 + \boxed{?}$

c. $(4 + 1) + 1 = \boxed{?} + 1$

d. $5 + (2 + 2) = 5 + \boxed{?}$

e. $(6 + 1) + 3 = \boxed{?} + 3$

f. $(1 + 5) + 2 = \boxed{?} + 2$

g. $2 + (3 + 4) = 2 + \boxed{?}$

h. $(4 + 4) + 2 = \boxed{?} + 2$

i. $3 + (4 + 2) = 3 + \boxed{?}$

j. $(5 + 1) + 4 = \boxed{?} + 4$

Solve the equations.

a. $(2 + 3) + 1 = \boxed{?}$

b. $4 + (2 + 2) = \boxed{?}$

c. $(5 + 1) + 2 = \boxed{?}$

d. $(2 + 2) + 3 = \boxed{?}$

e. $1 + (3 + 2) = \boxed{?}$

f. $(2 + 3) + 3 = \boxed{?}$

g. $4 + (0 + 5) = \boxed{?}$

h. $(3 + 1) + 2 = \boxed{?}$

i. $(4 + 4) + 1 = \boxed{?}$

j. $2 + (4 + 2) = \boxed{?}$

k. $(1 + 5) + 1 = \boxed{?}$

l. $4 + (1 + 0) = \boxed{?}$

m. $(3 + 2) + 3 = \boxed{?}$

n. $3 + (3 + 3) = \boxed{?}$

o. $(1 + 2) + 3 = \boxed{?}$

p. $5 + (2 + 1) = \boxed{?}$

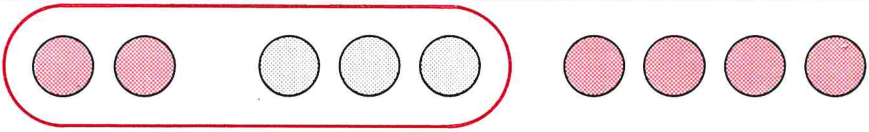
q. $(6 + 2) + 1 = \boxed{?}$

r. $5 + (1 + 4) = \boxed{?}$

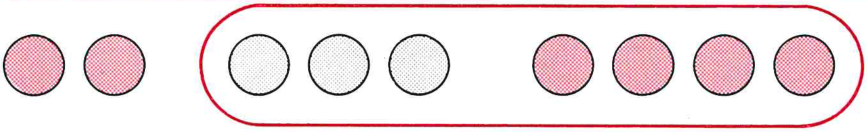
s. $(4 + 2) + 4 = \boxed{?}$

t. $3 + (4 + 3) = \boxed{?}$

Study the sets and equations.



$$(2 + 3) + 4 = 5 + 4 = 9$$



$$2 + (3 + 4) = 2 + 7 = 9$$

Solve the equations.

a. $(3 + 1) + 4 = \boxed{?}$

b. $3 + (1 + 4) = \boxed{?}$

c. $(2 + 3) + 1 = \boxed{?}$

d. $2 + (3 + 1) = \boxed{?}$

e. $(5 + 2) + 3 = \boxed{?}$

f. $5 + (2 + 3) = \boxed{?}$

g. $(6 + 2) + 2 = \boxed{?}$

h. $6 + (2 + 2) = \boxed{?}$

i. $(3 + 1) + 5 = \boxed{?}$

j. $3 + (1 + 5) = \boxed{?}$

k. $(3 + 2) + 4 = \boxed{?}$

l. $3 + (2 + 4) = \boxed{?}$

Solve the equations.

a. $(2 + 1) + 2 = \boxed{?}$

b. $2 + (1 + 2) = \boxed{?}$

c. $(3 + 4) + 3 = \boxed{?}$

d. $3 + (4 + 3) = \boxed{?}$

e. $(5 + 0) + 4 = \boxed{?}$

f. $5 + (0 + 4) = \boxed{?}$

g. $(1 + 7) + 1 = \boxed{?}$

h. $1 + (7 + 1) = \boxed{?}$

i. $(6 + 1) + 3 = \boxed{?}$

j. $6 + (1 + 3) = \boxed{?}$

k. $(4 + 3) + 3 = \boxed{?}$

l. $4 + (3 + 3) = \boxed{?}$

m. $(8 + 1) + 1 = \boxed{?}$

n. $8 + (1 + 1) = \boxed{?}$

o. $(2 + 4) + 2 = \boxed{?}$

p. $2 + (4 + 2) = \boxed{?}$

q. $(4 + 2) + 4 = \boxed{?}$

r. $4 + (2 + 4) = \boxed{?}$

s. $(0 + 9) + 1 = \boxed{?}$

t. $0 + (9 + 1) = \boxed{?}$

1. Give the missing numbers.

38 3 tens and 8

38 = 30 + 8

a. 14 1 ten and ?

b. 14 = 10 + ?

c. 62 ? tens and 2

d. 62 = 60 + ?

e. 70 7 tens and ?

f. 70 = ? + 0

g. 85 = 80 + ?

h. 41 = ? + 1

i. 29 = 20 + ?

j. 93 = ? + 3

k. 60 = 60 + ?

l. 37 = ? + 7

2. Find the sums.

a. 80 + 0 = ?

b. 80 + 1 = ?

c. 80 + 2 = ?

d. 80 + 6 = ?

e. 10 + 5 = ?

f. 30 + 7 = ?

g. 60 + 9 = ?

h. 70 + 1 = ?

1. Find the sums.

a	b	c	d	e	f
6	3	5	2	0	9
+4	+7	+5	+8	+10	+1

g	h	i	j	k	l
7	8	10	1	4	3
+3	+2	+0	+9	+6	+7

---

2. Solve the equations.

a. $(6 + 4) + 3 = \boxed{?}$

b. $(3 + 7) + 6 = \boxed{?}$

c. $2 + (8 + 9) = \boxed{?}$

d. $5 + (5 + 6) = \boxed{?}$

e. $(9 + 1) + 1 = \boxed{?}$

f. $8 + (2 + 3) = \boxed{?}$

g. $(4 + 6) + 8 = \boxed{?}$

h. $7 + (3 + 5) = \boxed{?}$

i. $(5 + 5) + 4 = \boxed{?}$

j. $1 + (9 + 9) = \boxed{?}$

k. $6 + (4 + 2) = \boxed{?}$

l. $(2 + 8) + 8 = \boxed{?}$

Arabic Numerals and Roman Numerals

Study these pairs.

1 = I
2 = II
3 = III
4 = IV
5 = V
6 = VI
7 = VII
8 = VIII

9 = IX
10 = X
11 = XI
12 = XII
13 = XIII
14 = XIV
15 = XV
16 = XVI

17 = XVII
18 = XVIII
19 = XIX
20 = XX
21 = XXI
22 = XXII
23 = XXIII
24 = XXIV

30 = XXX
34 = XXXIV
39 = XXXIX
40 = XL
41 = XLI
49 = XLIX
50 = L
54 = LIV

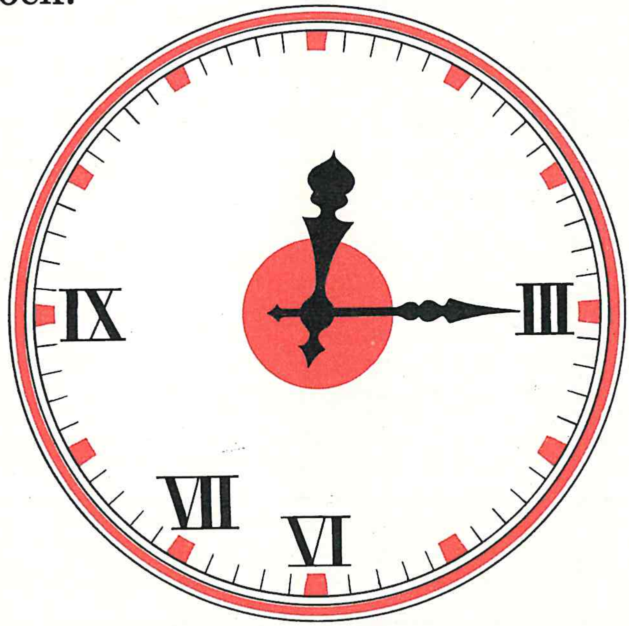
1. Give the missing Arabic Numerals.

a. ? = III
b. ? = XII
c. ? = XX
d. ? = XXXII
e. ? = XXXIV
f. ? = XLIX

2. Give the missing Arabic Numerals.

a. II = 1 + ?
b. IV = 5 − ?
c. VI = 5 + ?
d. VIII = 5 + ?
e. IX = 10 − ?
f. XI = 10 + ?
g. XIV = 10 + ?
h. XIX = 10 + ?

1. Write the Roman numerals that are missing from the clock.



2. Write the Roman numerals for these.

a. 2 tens and 3 ?

b. 3 tens and 1 ?

c. 1 ten and 0 ?

d. 2 tens and 5 ?

e. 3 tens and 6 ?

f. 1 ten and 4 ?

Find the sums.

	a	b	c	d	e	f
1.	$\begin{array}{r}6\\+2\\\hline\end{array}$	$\begin{array}{r}4\\+3\\\hline\end{array}$	$\begin{array}{r}2\\+1\\\hline\end{array}$	$\begin{array}{r}0\\+8\\\hline\end{array}$	$\begin{array}{r}9\\+1\\\hline\end{array}$	$\begin{array}{r}6\\+3\\\hline\end{array}$
2.	$\begin{array}{r}5\\+4\\\hline\end{array}$	$\begin{array}{r}2\\+8\\\hline\end{array}$	$\begin{array}{r}3\\+2\\\hline\end{array}$	$\begin{array}{r}1\\+5\\\hline\end{array}$	$\begin{array}{r}6\\+4\\\hline\end{array}$	$\begin{array}{r}5\\+3\\\hline\end{array}$
3.	$\begin{array}{r}7\\+3\\\hline\end{array}$	$\begin{array}{r}4\\+4\\\hline\end{array}$	$\begin{array}{r}7\\+2\\\hline\end{array}$	$\begin{array}{r}8\\+2\\\hline\end{array}$	$\begin{array}{r}2\\+3\\\hline\end{array}$	$\begin{array}{r}5\\+2\\\hline\end{array}$
4.	$\begin{array}{r}4\\+5\\\hline\end{array}$	$\begin{array}{r}5\\+5\\\hline\end{array}$	$\begin{array}{r}3\\+3\\\hline\end{array}$	$\begin{array}{r}1\\+6\\\hline\end{array}$	$\begin{array}{r}2\\+7\\\hline\end{array}$	$\begin{array}{r}3\\+7\\\hline\end{array}$
5.	$\begin{array}{r}2\\+5\\\hline\end{array}$	$\begin{array}{r}2\\+2\\\hline\end{array}$	$\begin{array}{r}1\\+9\\\hline\end{array}$	$\begin{array}{r}8\\+1\\\hline\end{array}$	$\begin{array}{r}3\\+5\\\hline\end{array}$	$\begin{array}{r}4\\+6\\\hline\end{array}$

Solve the equations.

1\.

a. $6 + 4 = \boxed{?}$

b. $3 + 7 = \boxed{?}$

c. $8 + 2 = \boxed{?}$

d. $5 + 5 = \boxed{?}$

e. $7 + 3 = \boxed{?}$

f. $2 + 8 = \boxed{?}$

g. $9 + 1 = \boxed{?}$

h. $4 + 6 = \boxed{?}$

2\.

a. $2 + \boxed{?} = 10$

b. $6 + \boxed{?} = 10$

c. $7 + \boxed{?} = 10$

d. $5 + \boxed{?} = 10$

e. $8 + \boxed{?} = 10$

f. $9 + \boxed{?} = 10$

g. $3 + \boxed{?} = 10$

h. $4 + \boxed{?} = 10$

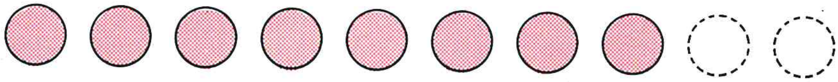
i. $1 + \boxed{?} = 10$

j. $\boxed{?} + 3 = 10$

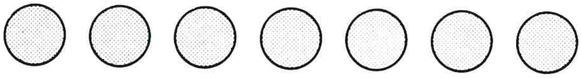
k. $\boxed{?} + 4 = 10$

l. $\boxed{?} + 5 = 10$

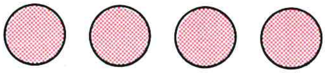
Think about enough more to make 10; then write the equation.



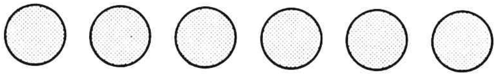
8 + 2 = 10



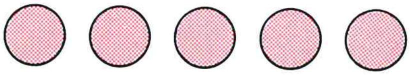
a. ? + ? = 10



b. ? + ? = 10



c. ? + ? = 10



d. ? + ? = 10

Find the sums.

1.

a	b	c	d	e	f
5	8	4	3	1	8
+4	+2	+3	+6	+9	+0

g	h	i	j	k	l
4	5	4	5	2	7
+6	+3	+4	+5	+6	+3

Solve.

2.

a	b	c	d	e	f
3	6	?	?	3	?
+ ?	+ ?	+ 4	+ 5	+ ?	+ 6
8	10	9	7	10	9

g	h	i	j	k	l
?	?	6	2	?	6
+ 5	+ 4	+ ?	+ ?	+ 1	+ ?
10	8	6	10	9	8

Solve the equations.

a. $4 + 6 = \boxed{?}$

b. $\boxed{?} + 7 = 10$

c. $8 + \boxed{?} = 10$

d. $9 + 1 = \boxed{?}$

e. $10 + \boxed{?} = 10$

f. $\boxed{?} + 6 = 10$

g. $2 + \boxed{?} = 10$

h. $6 + 4 = \boxed{?}$

i. $\boxed{?} + 3 = 10$

j. $3 + \boxed{?} = 10$

k. $\boxed{?} + 1 = 10$

l. $\boxed{?} + 4 = 10$

m. $7 + 3 = \boxed{?}$

n. $3 + 7 = \boxed{?}$

o. $6 + \boxed{?} = 10$

p. $8 + 2 = \boxed{?}$

q. $\boxed{?} + 5 = 10$

r. $4 + \boxed{?} = 10$

s. $0 + \boxed{?} = 10$

t. $\boxed{?} + 2 = 10$

1. Find the sums.

a	b	c	d	e	f
3	7	6	1	4	3
+4	+2	+4	+7	+2	+7

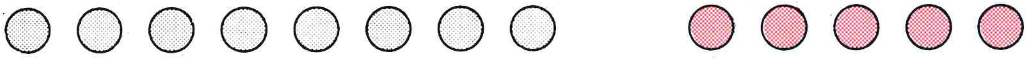
g	h	i	j	k	l
9	5	0	2	6	5
+1	+2	+5	+8	+3	+5

2. Solve.

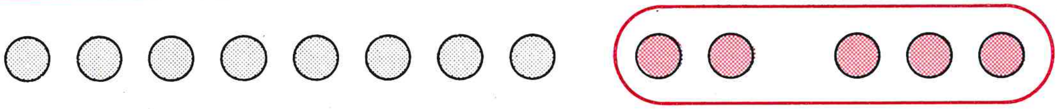
a	b	c	d	e	f
?	5	7	?	3	?
+ 2	+ ?	+ ?	+ 3	+ ?	+ 3
5	9	10	8	9	7

g	h	i	j	k	l
2	?	?	7	?	10
+ ?	+ 5	+ 2	+ ?	+ 8	+ ?
8	10	7	9	10	10

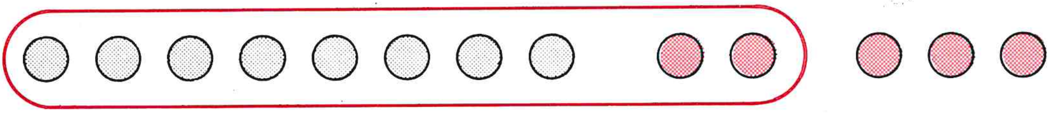
Study the sets; then solve the equations.



$8 + 5$



$8 + (2 + 3)$



$(8 + 2) + 3$

a. $(8 + 2) + 3 = 10 + 3 = \boxed{?}$

b. $8 + 5 = \boxed{?}$

c. $(7 + 3) + 6 = \boxed{?}$

d. $(8 + 2) + 4 = \boxed{?}$

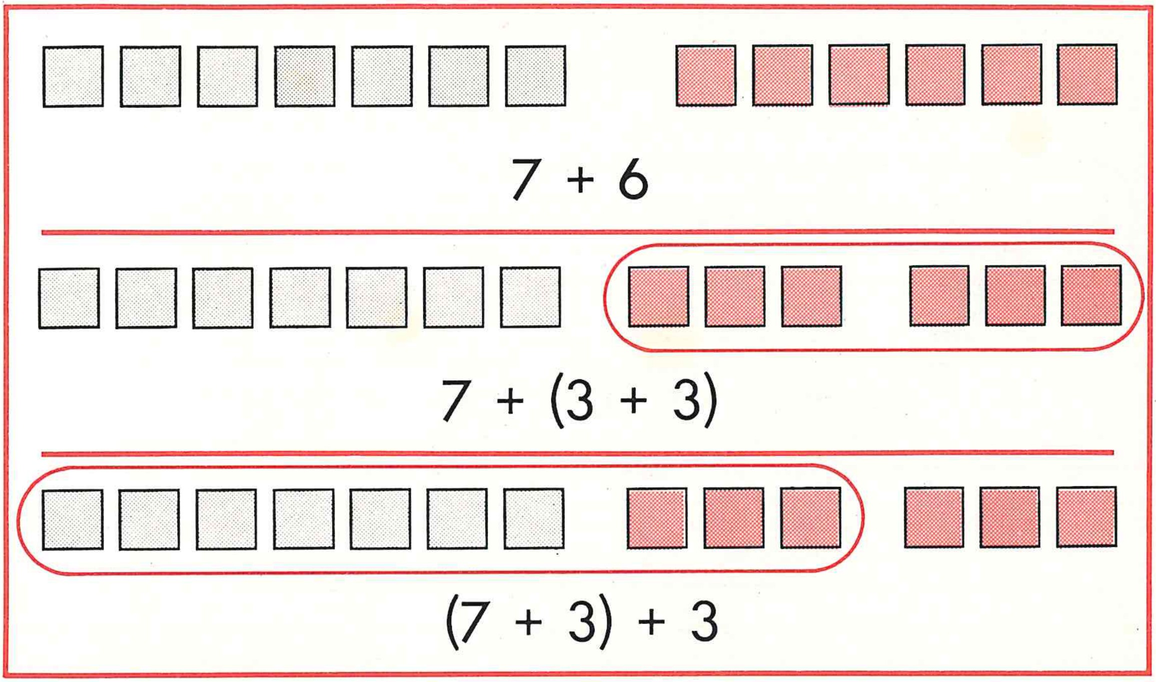
e. $(9 + 1) + 8 = \boxed{?}$

f. $(4 + 6) + 2 = \boxed{?}$

g. $(3 + 7) + 1 = \boxed{?}$

h. $(5 + 5) + 3 = \boxed{?}$

Study the sets; then solve the equations.



a. $(7 + 3) + 3 = 10 + 3 = \boxed{?}$

b. $7 + 6 = \boxed{?}$

c. $(6 + 4) + 5 = \boxed{?}$

d. $(9 + 1) + 7 = \boxed{?}$

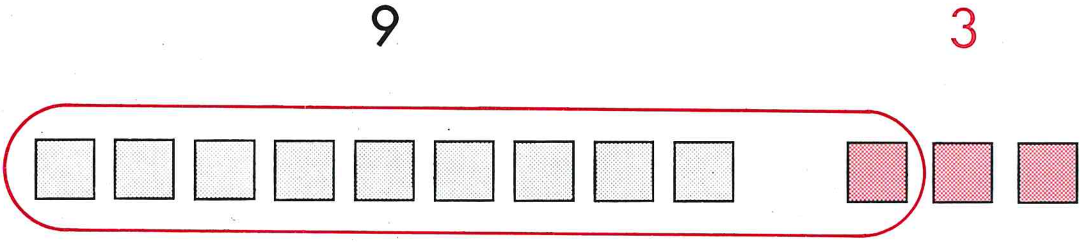
e. $(5 + 5) + 4 = \boxed{?}$

f. $(8 + 2) + 6 = \boxed{?}$

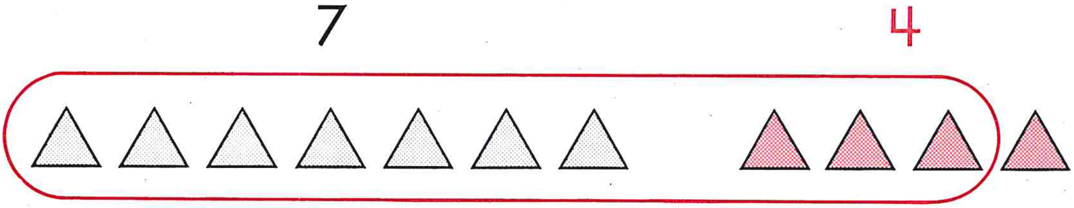
g. $(4 + 6) + 1 = \boxed{?}$

h. $(7 + 3) + 7 = \boxed{?}$

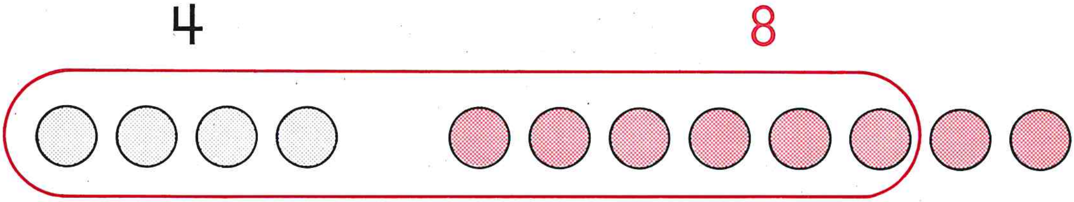
Study the sets. Copy and complete the equations.



9 + 3 = 10 + 2 = 12

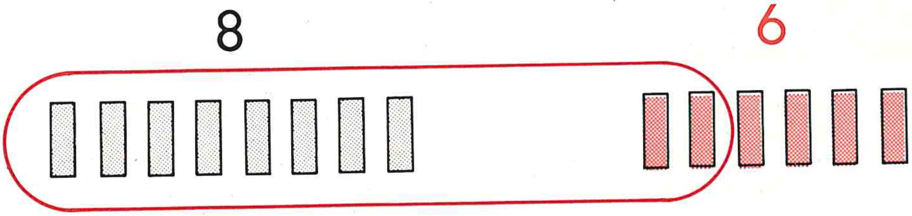


a. 7 + 4 = 10 + ? = ?

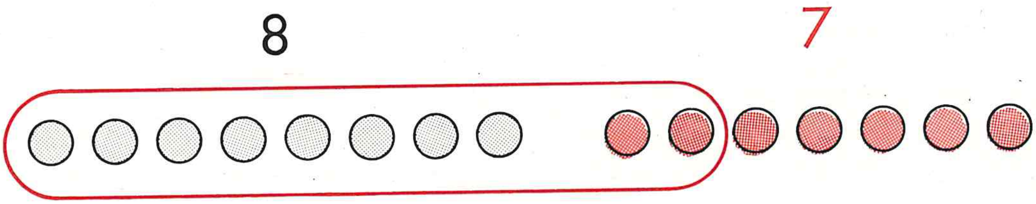


b. 4 + 8 = 10 + ? = ?

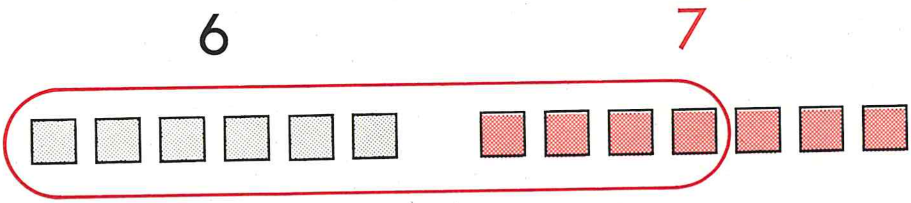
Study the sets. Copy and complete the equations.



a. $8 + 6 = 10 + \underline{\ ?\ } = ?$



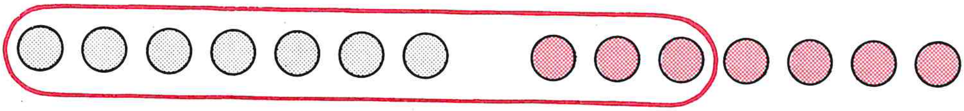
b. $8 + 7 = 10 + \underline{\ ?\ } = ?$



c. $6 + 7 = 10 + \underline{\ ?\ } = ?$

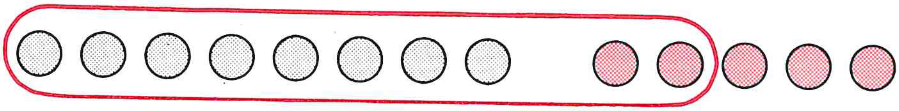
Copy and complete the equations.

7 + 7



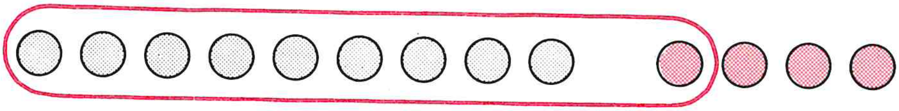
a. 7 + 7 = 10 + ? = ?

8 + 5



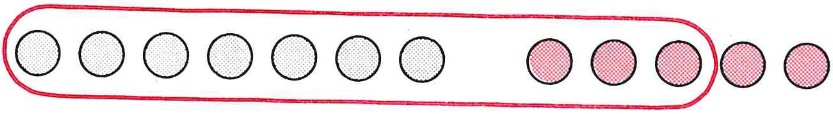
b. 8 + 5 = 10 + ? = ?

9 + 4



c. 9 + 4 = 10 + ? = ?

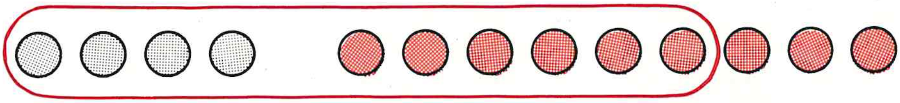
7 + 5



d. 7 + 5 = 10 + ? = ?

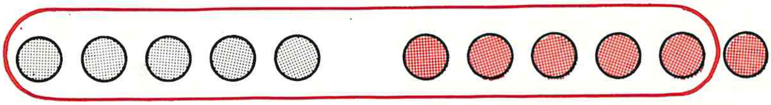
Copy and complete the equations.

4 + 9



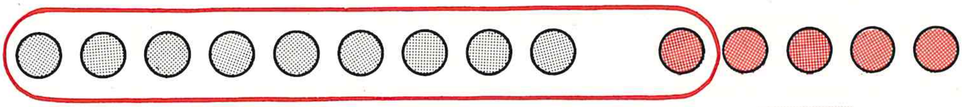
a. 4 + 9 = 10 + ? = ?

5 + 6



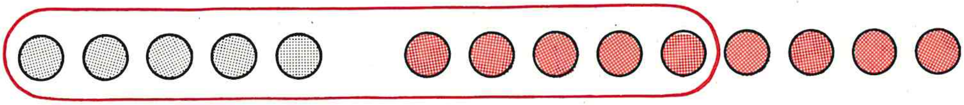
b. 5 + 6 = 10 + ? = ?

9 + 5



c. 9 + 5 = 10 + ? = ?

5 + 9



d. 5 + 9 = 10 + ? = ?

Copy and complete the equations.

a. $8 + \underline{\ ?\ } = 10$

b. $8 + 3 = 10 + \underline{\ ?\ } = ?$

c. $6 + \underline{\ ?\ } = 10$

d. $6 + 8 = 10 + \underline{\ ?\ } = ?$

e. $9 + \underline{\ ?\ } = 10$

f. $9 + 9 = 10 + \underline{\ ?\ } = ?$

g. $7 + \underline{\ ?\ } = 10$

h. $7 + 8 = 10 + \underline{\ ?\ } = ?$

i. $5 + \underline{\ ?\ } = 10$

j. $5 + 7 = 10 + \underline{\ ?\ } = ?$

Copy and complete the equations.

a. $7 + \underline{\ ?\ } = 10$

b. $7 + 9 = 10 + \underline{\ ?\ } = ?$

c. $9 + \underline{\ ?\ } = 10$

d. $9 + 8 = 10 + \underline{\ ?\ } = ?$

e. $6 + \underline{\ ?\ } = 10$

f. $6 + 5 = 10 + \underline{\ ?\ } = ?$

g. $8 + \underline{\ ?\ } = 10$

h. $8 + 8 = 10 + \underline{\ ?\ } = ?$

i. $3 + \underline{\ ?\ } = 10$

j. $3 + 9 = 10 + \underline{\ ?\ } = ?$

Copy and complete the equations.

a. 9 + 2 = 10 + ? = ?

b. 8 + 4 = 10 + ? = ?

c. 6 + 9 = 10 + ? = ?

d. 5 + 8 = 10 + ? = ?

e. 7 + 6 = 10 + ? = ?

f. 4 + 7 = 10 + ? = ?

g. 3 + 8 = 10 + ? = ?

h. 9 + 7 = 10 + ? = ?

i. 8 + 9 = 10 + ? = ?

j. 6 + 6 = 10 + ? = ?

Solve the equations.

a. $6 + 5 = \boxed{?}$

b. $6 + 6 = \boxed{?}$

c. $6 + 7 = \boxed{?}$

d. $6 + 8 = \boxed{?}$

e. $6 + 9 = \boxed{?}$

f. $7 + 5 = \boxed{?}$

g. $7 + 6 = \boxed{?}$

h. $7 + 7 = \boxed{?}$

i. $7 + 8 = \boxed{?}$

j. $7 + 9 = \boxed{?}$

k. $8 + 4 = \boxed{?}$

l. $8 + 5 = \boxed{?}$

m. $8 + 6 = \boxed{?}$

n. $8 + 7 = \boxed{?}$

o. $8 + 8 = \boxed{?}$

p. $9 + 5 = \boxed{?}$

q. $9 + 6 = \boxed{?}$

r. $9 + 7 = \boxed{?}$

s. $9 + 8 = \boxed{?}$

t. $9 + 9 = \boxed{?}$

Find the second sum from the first sum.

$5 + 5 = \boxed{10}$

$5 + 6 = \boxed{11}$

a. $7 + 7 = \boxed{?}$

b. $6 + 7 = \boxed{?}$

c. $8 + 8 = \boxed{?}$

d. $7 + 8 = \boxed{?}$

e. $9 + 9 = \boxed{?}$

f. $9 + 10 = \boxed{?}$

g. $6 + 6 = \boxed{?}$

h. $7 + 6 = \boxed{?}$

i. $4 + 4 = \boxed{?}$

j. $4 + 5 = \boxed{?}$

k. $7 + 7 = \boxed{?}$

l. $6 + 8 = \boxed{?}$

m. $9 + 9 = \boxed{?}$

n. $8 + 9 = \boxed{?}$

o. $8 + 8 = \boxed{?}$

p. $7 + 9 = \boxed{?}$

q. $6 + 6 = \boxed{?}$

r. $7 + 5 = \boxed{?}$

Find the sums.

1.

a. $6 + 5 = \boxed{?}$

b. $8 + 3 = \boxed{?}$

c. $4 + 7 = \boxed{?}$

d. $6 + 8 = \boxed{?}$

e. $9 + 9 = \boxed{?}$

f. $5 + 8 = \boxed{?}$

g. $7 + 7 = \boxed{?}$

h. $8 + 7 = \boxed{?}$

i. $9 + 2 = \boxed{?}$

j. $9 + 8 = \boxed{?}$

2.

a	b	c	d	e	f
$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$

g	h	i	j	k	l
$\begin{array}{r} 7 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +7 \\ \hline \end{array}$

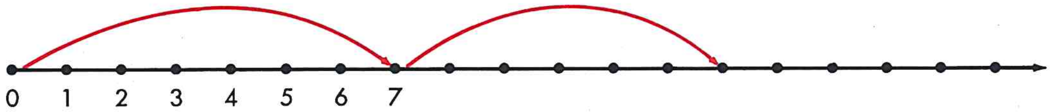
Copy and complete the addition table.

+	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										14
6										
7						12				
8										
9										

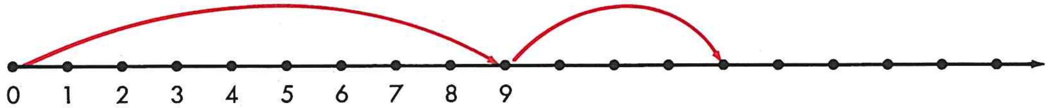
Copy and complete the addition table.

+	6	3	8	0	4	9	5	1	7	2
5										
9										
2										
7			15							
4										
0										
6										
1										
8										
3						12				

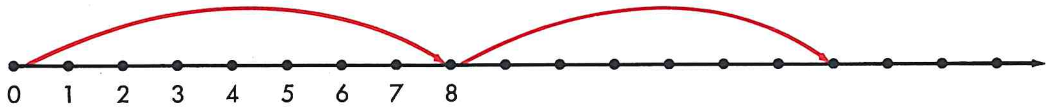
Study the number line; then solve the equation.



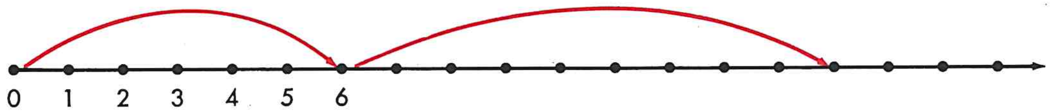
a. $7 + 6 = \boxed{?}$



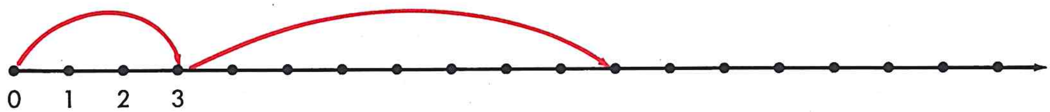
b. $9 + 4 = \boxed{?}$



c. $8 + 7 = \boxed{?}$

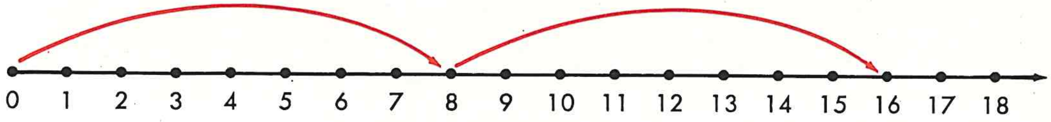


d. $6 + 9 = \boxed{?}$

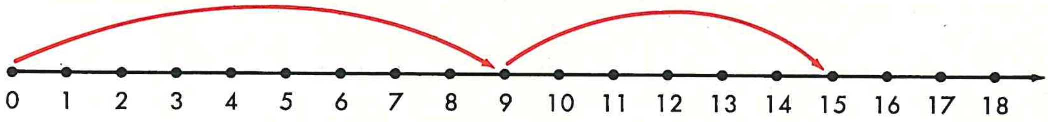


e. $3 + 8 = \boxed{?}$

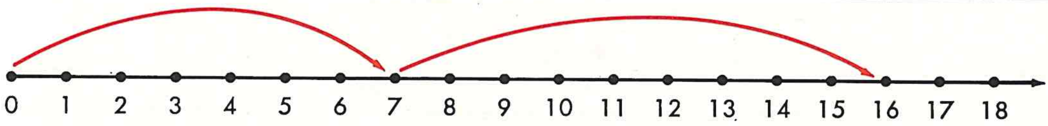
Study the number line; then solve the equation.



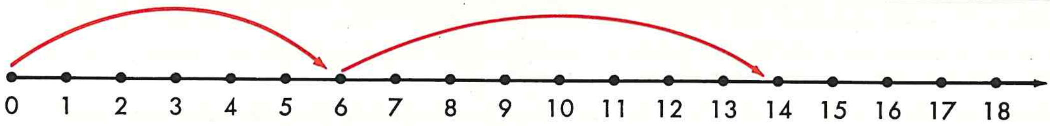
a. $8 + \boxed{?} = 16$



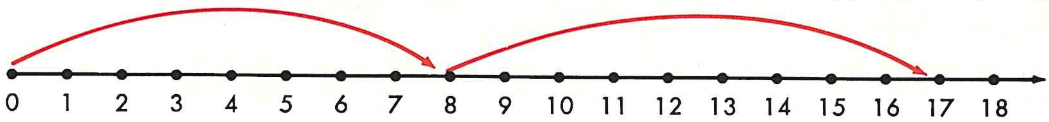
b. $9 + \boxed{?} = 15$



c. $7 + \boxed{?} = 16$



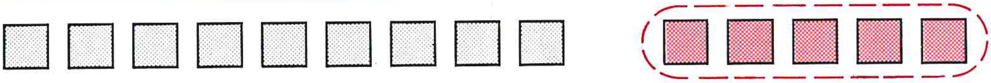
d. $6 + \boxed{?} = 14$



e. $8 + \boxed{?} = 17$

Solve the equations.

$9 + 5 = \boxed{14}$



$14 - 5 = \boxed{9}$

a. $7 + 6 = \boxed{?}$

b. $13 - 6 = \boxed{?}$

c. $8 + 7 = \boxed{?}$

d. $15 - 7 = \boxed{?}$

Solve the equations.

a. $7 + 5 = \boxed{?}$

b. $12 - 5 = \boxed{?}$

c. $8 + 6 = \boxed{?}$

d. $14 - 6 = \boxed{?}$

e. $5 + 9 = \boxed{?}$

f. $14 - 9 = \boxed{?}$

g. $9 + 6 = \boxed{?}$

h. $15 - 6 = \boxed{?}$

i. $4 + 8 = \boxed{?}$

j. $12 - 8 = \boxed{?}$

k. $6 + 7 = \boxed{?}$

l. $13 - 7 = \boxed{?}$

m. $5 + 6 = \boxed{?}$

n. $11 - 6 = \boxed{?}$

o. $9 + 4 = \boxed{?}$

p. $13 - 4 = \boxed{?}$

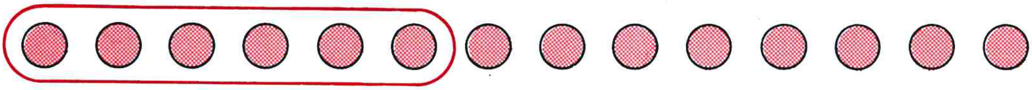
q. $7 + 9 = \boxed{?}$

r. $16 - 9 = \boxed{?}$

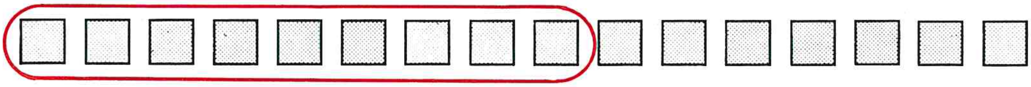
s. $9 + 8 = \boxed{?}$

t. $17 - 8 = \boxed{?}$

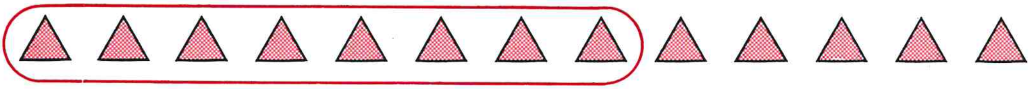
Solve the equations. The sets may help.



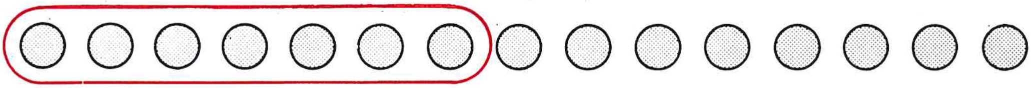
a. $14 - 6 = \boxed{?}$　b. $14 - 8 = \boxed{?}$



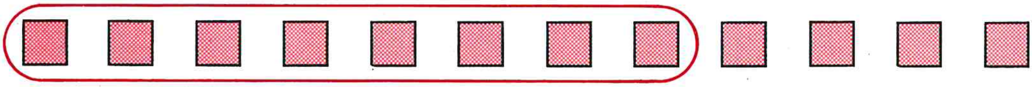
c. $16 - 9 = \boxed{?}$　d. $16 - 7 = \boxed{?}$



e. $13 - 8 = \boxed{?}$　f. $13 - 5 = \boxed{?}$



g. $15 - 7 = \boxed{?}$　h. $15 - 8 = \boxed{?}$



i. $12 - 8 = \boxed{?}$　j. $12 - 4 = \boxed{?}$

Find the differences.

1.	a	b	c	d	e	f
	12	12	12	15	15	15
	−2	−3	−4	−5	−6	−7

2.	a	b	c	d	e	f
	16	16	16	13	13	13
	−6	−7	−8	−3	−4	−5

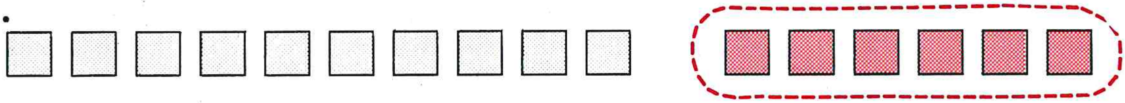
3.	a	b	c	d	e	f
	14	14	14	14	14	14
	−4	−5	−6	−7	−8	−9

4.	a	b	c	d	e	f
	17	17	17	18	18	19
	−7	−8	−9	−8	−9	−9

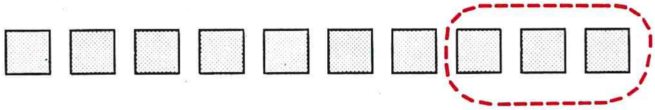
5.	a	b	c	d	e	f
	11	12	13	15	16	17
	−6	−6	−6	−8	−9	−0

Solve the equations.

1.



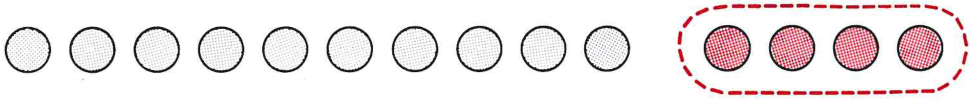
a. $16 - 6 = \boxed{?}$



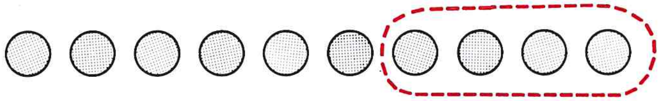
b. $10 - 3 = \boxed{?}$

c. $16 - 9 = \boxed{?}$

2.



a. $14 - 4 = \boxed{?}$



b. $10 - 4 = \boxed{?}$

c. $14 - 8 = \boxed{?}$

Solve the equations.

$(16 - 6) - 2 = \boxed{8}$

$16 - 8 = \boxed{8}$

a. $(15 - 5) - 4 = \boxed{?}$

b. $15 - 9 = \boxed{?}$

c. $(13 - 3) - 4 = \boxed{?}$

d. $13 - 7 = \boxed{?}$

e. $(17 - 7) - 2 = \boxed{?}$

f. $17 - 9 = \boxed{?}$

g. $(12 - 2) - 3 = \boxed{?}$

h. $12 - 5 = \boxed{?}$

i. $(14 - 4) - 1 = \boxed{?}$

j. $14 - 5 = \boxed{?}$

k. $(11 - 1) - 3 = \boxed{?}$

l. $11 - 4 = \boxed{?}$

m. $(18 - 8) - 1 = \boxed{?}$

n. $18 - 9 = \boxed{?}$

o. $(15 - 5) - 2 = \boxed{?}$

p. $15 - 7 = \boxed{?}$

q. $(14 - 4) - 5 = \boxed{?}$

r. $14 - 9 = \boxed{?}$

Solve the equations.

a. $7 + 2 = \boxed{?}$

b. $8 + 5 = \boxed{?}$

c. $9 + 6 = \boxed{?}$

d. $6 + 4 = \boxed{?}$

e. $14 - 4 = \boxed{?}$

f. $10 - 3 = \boxed{?}$

g. $11 - 4 = \boxed{?}$

h. $15 - 9 = \boxed{?}$

i. $17 - 8 = \boxed{?}$

j. $12 - 5 = \boxed{?}$

k. $0 + 13 = \boxed{?}$

l. $9 + 9 = \boxed{?}$

m. $6 + 8 = \boxed{?}$

n. $7 + 7 = \boxed{?}$

o. $16 - 6 = \boxed{?}$

p. $13 - 7 = \boxed{?}$

q. $14 - 6 = \boxed{?}$

r. $12 - 8 = \boxed{?}$

s. $10 - 6 = \boxed{?}$

t. $16 - 8 = \boxed{?}$

Solve.

1.	a	b	c	d	e	f
	8	17	10	8	7	15
	+7	−9	+6	−8	+9	−5

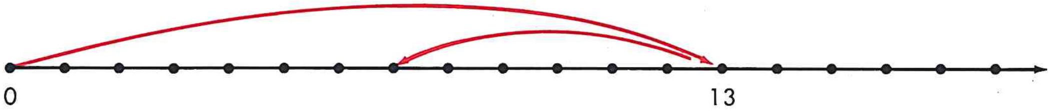
2.	a	b	c	d	e	f
	14	5	10	19	8	15
	−7	+6	−0	−9	+8	−6

3.	a	b	c	d	e	f
	10	13	14	12	5	6
	+2	−6	−8	−2	+8	+6

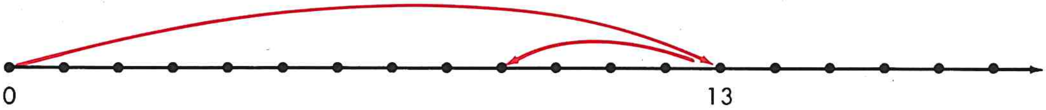
4.	a	b	c	d	e	f
	16	4	7	6	11	19
	−7	+9	+8	+9	−7	−0

5.	a	b	c	d	e	f
	10	5	18	6	14	6
	−3	+5	−9	+8	−6	−2

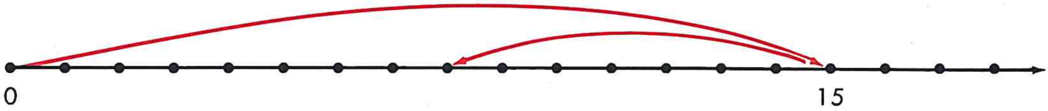
Study the number line; then solve the equation.



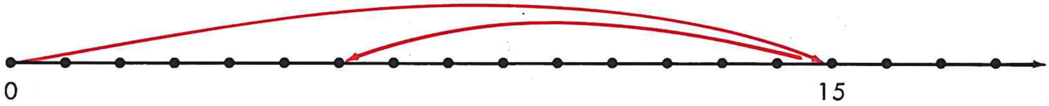
a. $13 - 6 = \boxed{?}$



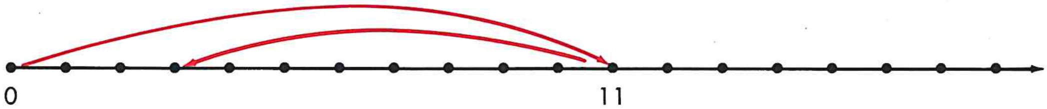
b. $13 - 4 = \boxed{?}$



c. $15 - 7 = \boxed{?}$

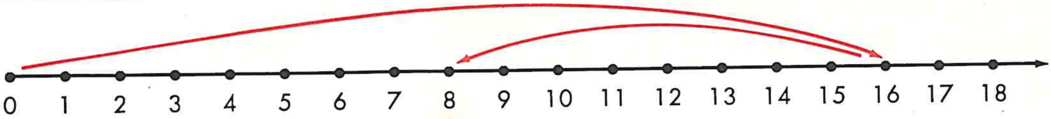


d. $15 - 9 = \boxed{?}$

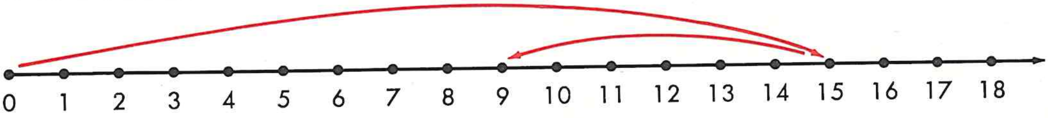


e. $11 - 8 = \boxed{?}$

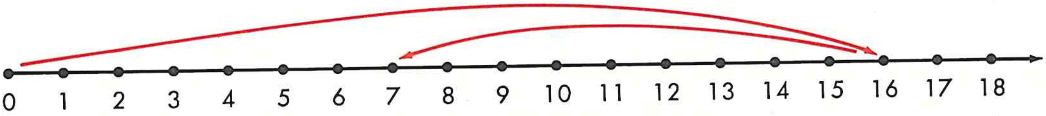
Study the number line; then solve the equation.



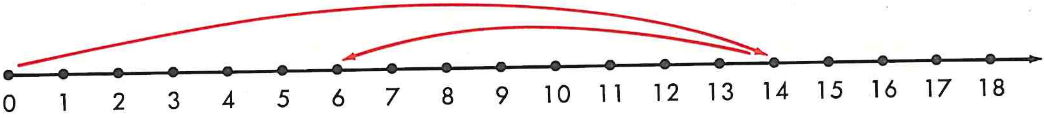
a. $16 - \boxed{?} = 8$



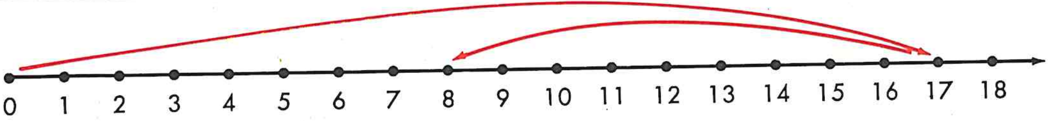
b. $15 - \boxed{?} = 9$



c. $16 - \boxed{?} = 7$

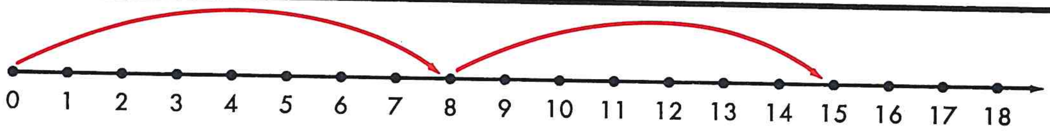


d. $14 - \boxed{?} = 6$



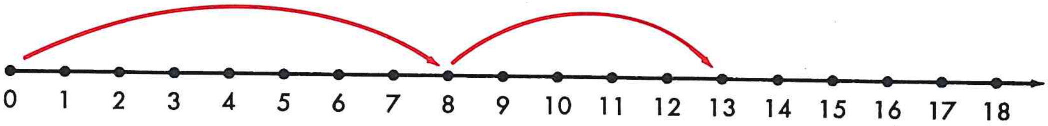
e. $17 - \boxed{?} = 8$

Write an equation for each number-line picture.

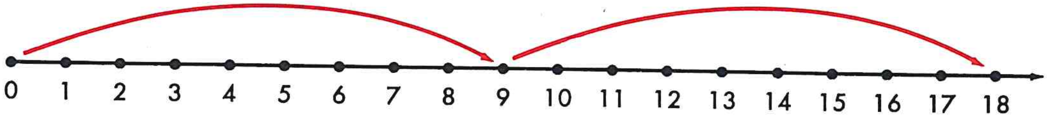


8 + 7 = 15

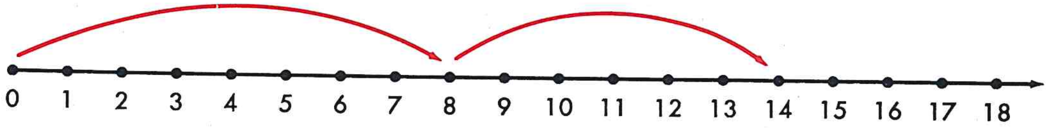
a.



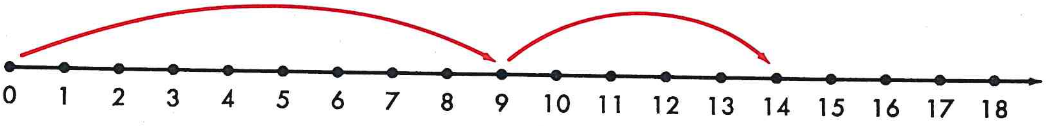
b.



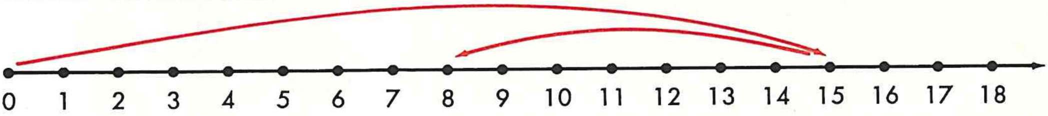
c.



d.

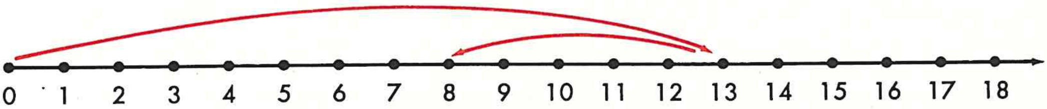


Write an equation for each number-line picture.

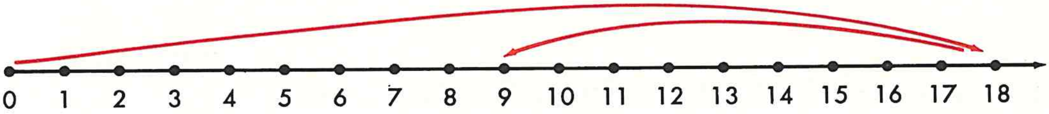


15 − 7 = 8

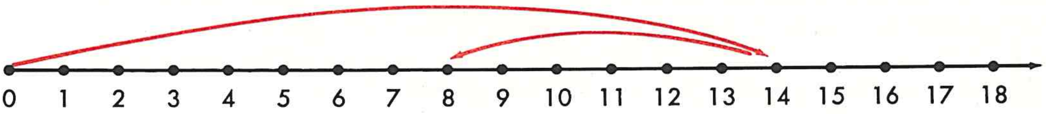
a.



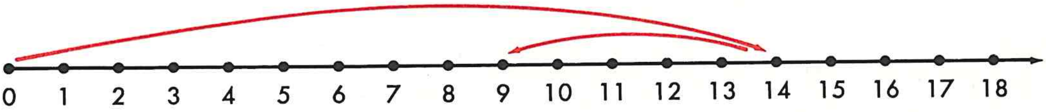
b.



c.



d.



The Amusement Park

1. Father took Kathy and Gary to the amusement park. He bought each of them 8 tickets. How many tickets did he buy?
2. Kathy used 3 of her tickets on the merry-go-round. How many tickets did she have left?
3. Gary used 2 of his tickets for the roller coaster. How many did he have left?
4. Kathy counted 17 different rides at the park. Last year there were only 9 different rides. How many new rides were there?
5. Each ride on the ferris wheel took 7 minutes. Gary rode 2 times. How many minutes did he ride?

Solve.

1.	a	b	c	d	e	f
	$\begin{array}{r}8\\+7\\\hline\end{array}$	$\begin{array}{r}6\\+6\\\hline\end{array}$	$\begin{array}{r}5\\+9\\\hline\end{array}$	$\begin{array}{r}8\\+3\\\hline\end{array}$	$\begin{array}{r}6\\+7\\\hline\end{array}$	$\begin{array}{r}9\\+4\\\hline\end{array}$
	g	h	i	j	k	l
	$\begin{array}{r}8\\+9\\\hline\end{array}$	$\begin{array}{r}7\\+8\\\hline\end{array}$	$\begin{array}{r}6\\+9\\\hline\end{array}$	$\begin{array}{r}5\\+8\\\hline\end{array}$	$\begin{array}{r}7\\+3\\\hline\end{array}$	$\begin{array}{r}9\\+2\\\hline\end{array}$

2.	a	b	c	d	e	f
	$\begin{array}{r}13\\-5\\\hline\end{array}$	$\begin{array}{r}16\\-8\\\hline\end{array}$	$\begin{array}{r}10\\-3\\\hline\end{array}$	$\begin{array}{r}15\\-7\\\hline\end{array}$	$\begin{array}{r}14\\-8\\\hline\end{array}$	$\begin{array}{r}12\\-9\\\hline\end{array}$
	g	h	i	j	k	l
	$\begin{array}{r}8\\-2\\\hline\end{array}$	$\begin{array}{r}6\\-6\\\hline\end{array}$	$\begin{array}{r}12\\-3\\\hline\end{array}$	$\begin{array}{r}9\\-4\\\hline\end{array}$	$\begin{array}{r}16\\-7\\\hline\end{array}$	$\begin{array}{r}13\\-8\\\hline\end{array}$
	m	n	o	p	q	r
	$\begin{array}{r}17\\-7\\\hline\end{array}$	$\begin{array}{r}16\\-9\\\hline\end{array}$	$\begin{array}{r}14\\-5\\\hline\end{array}$	$\begin{array}{r}15\\-8\\\hline\end{array}$	$\begin{array}{r}18\\-8\\\hline\end{array}$	$\begin{array}{r}12\\-7\\\hline\end{array}$

A BIRTHDAY PARTY

1. Alice is having a birthday party. She is 8 years old. In how many years will she be 15 years old?

2. Alice has a brother who is 14. How much older than Alice is her brother?

3. Ned put 8 candles on the cake. There were 6 candles left in the box after he had finished. How many candles were in the box before he started?

4. Mother cut the cake into 12 pieces. Everyone had 1 piece, and there were 3 pieces left over. How many were at the party?

5. Five people wanted ice cream bars, and the rest wanted ice cream cones. How many wanted ice cream cones?

Solve the equations.

1. a. $8 + 7 = \boxed{?}$

b. $6 + 6 = \boxed{?}$

c. $5 + 9 = \boxed{?}$

d. $8 + 3 = \boxed{?}$

e. $6 + 7 = \boxed{?}$

f. $8 + 9 = \boxed{?}$

g. $7 + 8 = \boxed{?}$

h. $6 + 9 = \boxed{?}$

i. $5 + 8 = \boxed{?}$

j. $9 + 2 = \boxed{?}$

2. a. $13 - 5 = \boxed{?}$

b. $16 - 8 = \boxed{?}$

c. $15 - 7 = \boxed{?}$

d. $14 - 8 = \boxed{?}$

e. $12 - 9 = \boxed{?}$

f. $16 - 9 = \boxed{?}$

g. $14 - 5 = \boxed{?}$

h. $15 - 8 = \boxed{?}$

i. $18 - 8 = \boxed{?}$

j. $12 - 7 = \boxed{?}$

A Pajama Party

1. Nancy had 2 friends over to spend the night with her. Each of her friends brought 4 dolls. Nancy had 6 dolls. How many dolls were there in all?

2. The girls played 15 records. Nancy chose 6 of them. How many did her friends choose?

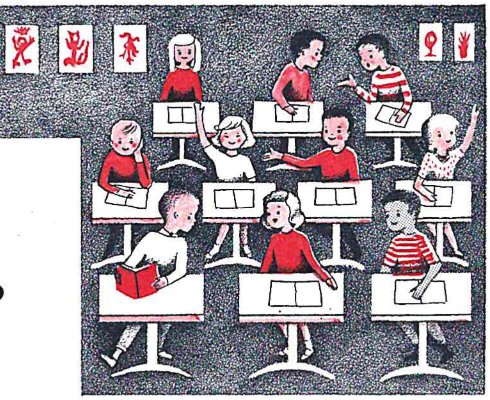
3. They divided the records into 2 stacks. One stack had 8 records. How many did the other stack have?

4. Nancy's mother brought some cookies and milk before bedtime. Each girl ate 3 cookies. How many cookies in all did they eat?

Solve.

	a	b	c	d	e	f
1.	$\begin{array}{r} 9 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$
2.	$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$
3.	$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$
4.	$\begin{array}{r} 5 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$
5.	$\begin{array}{r} 8 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$

ANN'S CLASS



1. There are 8 girls and 9 boys in Ann's class at school. How many children are in the class?

2. Seven of the children in Ann's class ride the bus to school, and the rest walk. How many in the class walk?

3. One morning Ann noticed that there were only 6 girls and 6 boys in her class.

   a. How many were there that day?
   b. How many girls were absent?
   c. How many boys were absent?
   d. How many were absent in all?

4. Ten of the children in Ann's class are in reading group I, and the others are in reading group II. How many children are in reading group II?

1. Solve.

a	b	c	d	e	f
5	12	10	6	3	14
+8	−7	+9	−6	+9	−6

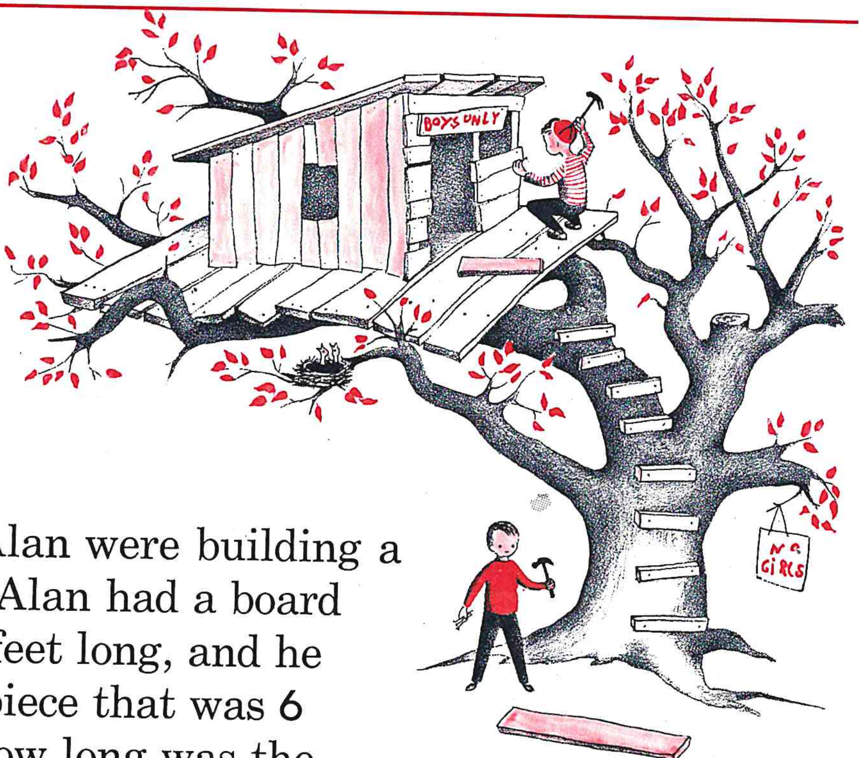
g	h	i	j	k	l
7	10	6	12	8	10
+7	−7	+3	−3	+8	−2

★ 2. Copy the problem, giving the correct numeral for each ?.

a	b	c	d	e
1 ?	? ?	? ?	?	? ?
+7	−8	−3	+5	−1 2
? 7	1 0	7	? 4	0

f	g	h	i	j
?	1 ?	8	1 ?	1 6
+6	−8	+ ?	−6	− ?
1 3	? 0	? 5	4	8

THE TREE HOUSE



1. Bobby and Alan were building a tree house. Alan had a board that was 13 feet long, and he sawed off a piece that was 6 feet long. How long was the the other piece?

2. The floor of the house was 9 feet from the ground. The house was 4 feet high. How far from the ground was the top of the house?

3. Bobby was measuring some of the boards. He found one board that was 67 inches long and another that was 76 inches long. Which board was longer?

Solve the equations.

1.

a. $6 + 7 = \boxed{?}$

b. $8 + 8 = \boxed{?}$

c. $9 + 6 = \boxed{?}$

d. $7 + 7 = \boxed{?}$

e. $4 + 8 = \boxed{?}$

f. $14 - 8 = \boxed{?}$

g. $18 - 9 = \boxed{?}$

h. $13 - 5 = \boxed{?}$

i. $16 - 7 = \boxed{?}$

j. $14 - 6 = \boxed{?}$

2.

a. $4 + \boxed{?} = 12$

b. $\boxed{?} + 8 = 14$

c. $7 + \boxed{?} = 14$

d. $8 + \boxed{?} = 16$

e. $\boxed{?} + 7 = 13$

f. $\boxed{?} - 7 = 5$

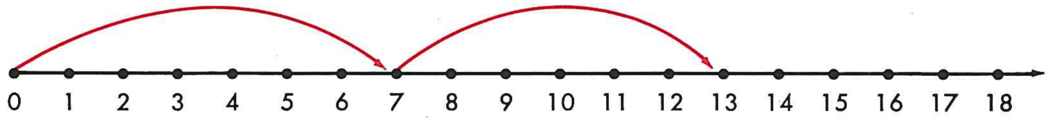
g. $11 - \boxed{?} = 6$

h. $\boxed{?} - 8 = 8$

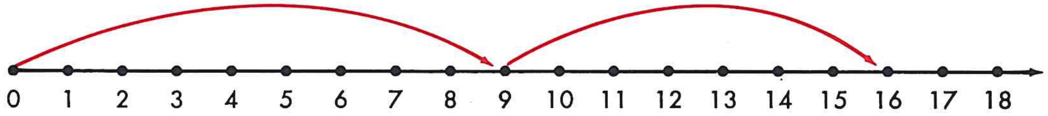
i. $\boxed{?} - 9 = 5$

j. $15 - \boxed{?} = 9$

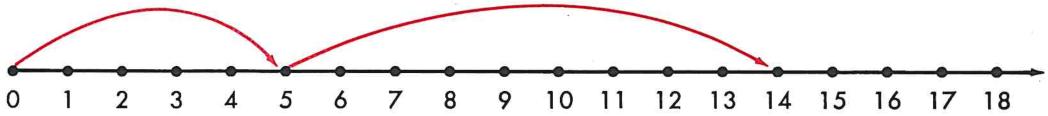
Study the number line; then solve the equation.



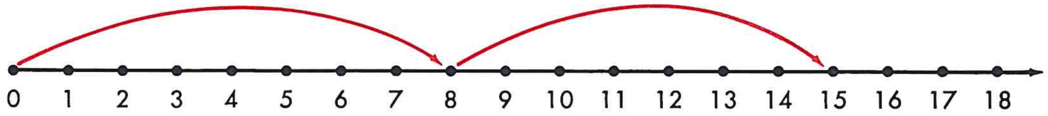
a. $7 + \boxed{?} = 13$



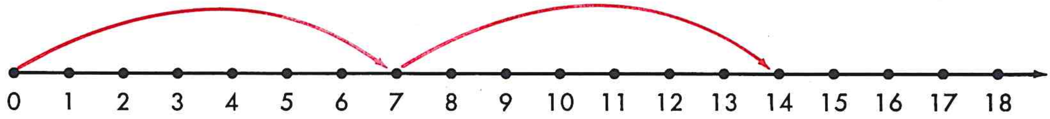
b. $\boxed{?} + 7 = 16$



c. $5 + \boxed{?} = 14$



d. $8 + \boxed{?} = 15$



e. $\boxed{?} + 7 = 14$

Solve the equations.

a. $\boxed{?} + 6 = 13$

b. $6 + \boxed{?} = 15$

c. $\boxed{?} + 9 = 15$

d. $5 + \boxed{?} = 12$

e. $\boxed{?} + 4 = 11$

f. $\boxed{?} + 7 = 14$

g. $9 + \boxed{?} = 16$

h. $\boxed{?} + 5 = 13$

i. $\boxed{?} + 10 = 12$

j. $\boxed{?} + 4 = 14$

k. $\boxed{?} + 8 = 13$

l. $7 + \boxed{?} = 15$

m. $\boxed{?} + 7 = 16$

n. $\boxed{?} + 9 = 14$

o. $8 + \boxed{?} = 12$

p. $\boxed{?} + 8 = 17$

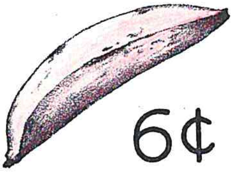
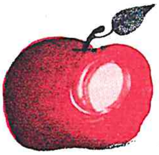
q. $8 + \boxed{?} = 15$

r. $\boxed{?} + 7 = 13$

s. $\boxed{?} + 6 = 14$

t. $6 + \boxed{?} = 12$

How many cents for both?

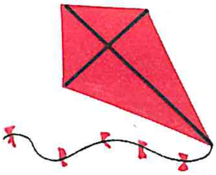

6¢

8¢

a. 6 + 8 = ?

6¢

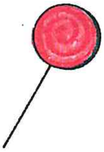
7¢

b. 6 + 7 = ?


9¢

7¢

c. 9 + 7 = ?

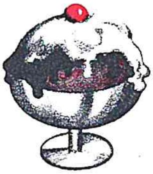
10¢

5¢

d. 10 + 5 = ?

8¢

8¢

e. 8 + 8 = ?


16¢

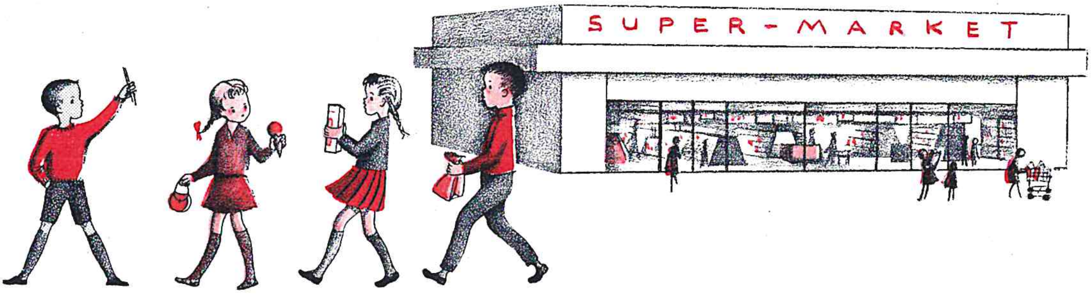
Free

f. 16 + 0 = ?

Solve.

	a	b	c	d	e	f
1.	6 +7	16 −7	5 +6	8 +5	14 −5	15 −8
2.	8 +8	11 −8	7 +9	9 +2	12 −7	11 −3
3.	14 −9	7 +7	10 +8	12 −2	16 −8	9 +9
4.	15 −7	9 +6	14 −8	5 +9	17 −8	4 +7
5.	7 +10	8 +4	5 +5	10 −7	19 −9	6 +6

At the Store



1. Jack bought 2 pencils for 8 cents each. How much did he spend?

2. Mary had 18 cents. She bought an ice cream cone for 10 cents. How much did she have left?

3. Dick bought an apple and an orange for his lunch. The apple cost 8 cents, and the orange cost 9 cents. How much did he spend?

4. Peggy had 15 cents. She bought some milk to drink with her lunch. The milk cost 7 cents. How much did she have left?

1. Solve.

a	b	c	d	e	f
9	17	5	16	6	14
+2	−7	+8	−9	+9	−5

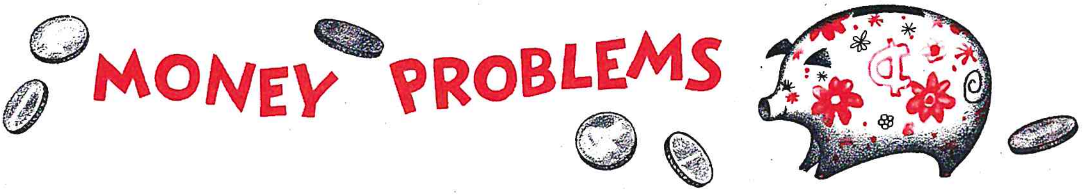
g	h	i	j	k	l
15	8	12	5	14	7
−8	+9	−7	+6	−9	+8

2. Copy the problem, giving the correct numeral for each ?.

a	b	c	d	e
? ?	5	1 ?	8	?
−8	+ ?	−8	+ ?	+6
3	1 4	? 0	1 5	1 1

f	g	h	i	j
1 5	6	1 ?	?	1 ?
− ?	+ ?	−3	+8	−7
? 0	? 3	7	? 6	7

MONEY PROBLEMS



1. Janet bought a coloring book for 7 cents and a box of crayons for 9 cents. How much did she spend?

2. Alan took 17 cents to school. When he got home, he found a hole in his pocket and only 8 cents. How much did he lose?

3. Ted wanted a book that cost 15 cents. He had only 7 cents. How much more did he need?

4. Betty had one dime, one nickel, and two pennies. She wanted to buy 3 candy bars for 6 cents each.
    a. How much money did she have?
    b. How much would the candy cost?
    c. Did she have enough money to buy the candy?

Solve.

	a	b	c	d	e	f
1.	$\begin{array}{r}7\\+7\\\hline\end{array}$	$\begin{array}{r}16\\-8\\\hline\end{array}$	$\begin{array}{r}5\\+8\\\hline\end{array}$	$\begin{array}{r}10\\-3\\\hline\end{array}$	$\begin{array}{r}9\\+8\\\hline\end{array}$	$\begin{array}{r}12\\-8\\\hline\end{array}$
2.	$\begin{array}{r}7\\+5\\\hline\end{array}$	$\begin{array}{r}9\\+4\\\hline\end{array}$	$\begin{array}{r}3\\+5\\\hline\end{array}$	$\begin{array}{r}6\\+6\\\hline\end{array}$	$\begin{array}{r}4\\+7\\\hline\end{array}$	$\begin{array}{r}5\\+6\\\hline\end{array}$
3.	$\begin{array}{r}15\\-6\\\hline\end{array}$	$\begin{array}{r}9\\-3\\\hline\end{array}$	$\begin{array}{r}11\\-6\\\hline\end{array}$	$\begin{array}{r}11\\-7\\\hline\end{array}$	$\begin{array}{r}12\\-6\\\hline\end{array}$	$\begin{array}{r}8\\-5\\\hline\end{array}$
4.	$\begin{array}{r}6\\+3\\\hline\end{array}$	$\begin{array}{r}13\\-4\\\hline\end{array}$	$\begin{array}{r}9\\+6\\\hline\end{array}$	$\begin{array}{r}12\\-5\\\hline\end{array}$	$\begin{array}{r}4\\+8\\\hline\end{array}$	$\begin{array}{r}17\\-8\\\hline\end{array}$
5.	$\begin{array}{r}13\\-8\\\hline\end{array}$	$\begin{array}{r}14\\-7\\\hline\end{array}$	$\begin{array}{r}7\\+3\\\hline\end{array}$	$\begin{array}{r}8\\+6\\\hline\end{array}$	$\begin{array}{r}14\\-6\\\hline\end{array}$	$\begin{array}{r}8\\+8\\\hline\end{array}$

1. Sue and Don spent a day at the seashore. They decided to collect shells. Sue found 6 shells, and Don found 8. How many shells did they find in all?

2. After lunch Sue and Don went to look for pretty rocks. They found 15 in all. Don found 6 of them. How many did Sue find?

3. Sue put her shells and rocks in a box. How many shells and rocks did she have?

4. How many shells and rocks did Don have?

5. All but 5 of Don's shells and rocks are white. How many of his shells and rocks are white?

Solve.

1.	a	b	c	d	e	f
	6 +8	5 +9	12 −7	14 −6	5 +8	13 −6

2.	a	b	c	d	e	f
	17 −9	19 −9	8 +8	6 +7	15 −8	9 +7

3.	a	b	c	d	e	f
	12 −8	9 +2	3 +8	14 −7	6 +5	11 −7

4.	a	b	c	d	e	f
	10 −2	3 +7	18 −9	15 −6	8 +2	9 −3

5.	a	b	c	d	e	f
	4 +9	17 −7	8 +9	6 +9	12 −9	13 −7

1. Find the sums.

a. $3 + 4 = \boxed{?}$

b. $4 + 3 = \boxed{?}$

c. $9 + 2 = \boxed{?}$

d. $2 + 9 = \boxed{?}$

e. $7 + 6 = \boxed{?}$

f. $6 + 7 = \boxed{?}$

g. $5 + 8 = \boxed{?}$

h. $8 + 5 = \boxed{?}$

2. Solve the equations.

a. $2 + \boxed{?} = 6$

b. $\boxed{?} + 2 = 6$

c. $\boxed{?} + 4 = 10$

d. $4 + \boxed{?} = 10$

e. $5 + \boxed{?} = 12$

f. $\boxed{?} + 5 = 12$

g. $\boxed{?} + 8 = 11$

h. $8 + \boxed{?} = 11$

Find the sums.

a. $2 + (3 + 4) = \boxed{?}$

b. $(2 + 3) + 4 = \boxed{?}$

c. $(5 + 4) + 3 = \boxed{?}$

d. $5 + (4 + 3) = \boxed{?}$

e. $6 + (4 + 3) = \boxed{?}$

f. $(6 + 4) + 3 = \boxed{?}$

g. $4 + (3 + 7) = \boxed{?}$

h. $(4 + 3) + 7 = \boxed{?}$

i. $5 + (4 + 3) = \boxed{?}$

j. $(5 + 4) + 3 = \boxed{?}$

k. $(8 + 2) + 7 = \boxed{?}$

l. $8 + (2 + 7) = \boxed{?}$

m. $6 + (3 + 5) = \boxed{?}$

n. $(6 + 3) + 5 = \boxed{?}$

o. $5 + (5 + 5) = \boxed{?}$

p. $(5 + 5) + 5 = \boxed{?}$

q. $(7 + 3) + 3 = \boxed{?}$

r. $7 + (3 + 3) = \boxed{?}$

s. $9 + (1 + 7) = \boxed{?}$

t. $(9 + 1) + 7 = \boxed{?}$

Solve the equations.

a. $2 + (3 + 4) = \boxed{?}$

b. $(2 + 3) + 4 = \boxed{?}$

c. $(3 + 2) + 4 = \boxed{?}$

d. $(4 + 3) + 2 = \boxed{?}$

e. $4 + (2 + 3) = \boxed{?}$

f. $3 + (4 + 2) = \boxed{?}$

Jim wondered why he got one answer for all the problems above. His teacher wrote:

When adding, we can change the order of the numbers and still get the same answer.

When adding, we can group the numbers as we please and still get the same answer.

Jim said, "Oh, I see! Since we can change the order and grouping, we can arrange the numbers in addition equations any way we want."

Solve the equations.

1. a. $(4 + 1) + 3 = \boxed{?}$

b. $(3 + 1) + 4 = \boxed{?}$

c. $3 + (1 + 4) = \boxed{?}$

d. $1 + (3 + 4) = \boxed{?}$

e. $4 + (1 + 3) = \boxed{?}$

f. $(3 + 4) + 1 = \boxed{?}$

g. $(5 + 2) + 3 = \boxed{?}$

h. $(2 + 3) + 5 = \boxed{?}$

i. $2 + (5 + 3) = \boxed{?}$

j. $(5 + 3) + 2 = \boxed{?}$

k. $3 + (5 + 2) = \boxed{?}$

l. $5 + (2 + 3) = \boxed{?}$

★2. a. If $(23 + 35) + 49 = 107$,

then $(35 + 23) + 49 = \underline{\ ?\ }$.

b. If $58 + (69 + 92) = 219$,

then $(69 + 58) + 92 = \underline{\ ?\ }$.

c. If $(128 + 716) + 896 = 1740$,

then $(896 + 128) + 716 = \underline{\ ?\ }$.

Solve the equations.

a. $(4 + 5) + 1 = \boxed{?}$

b. $4 + (5 + 1) = \boxed{?}$

c. $4 + 5 + 1 = \boxed{?}$

d. $1 + (4 + 5) = \boxed{?}$

e. $(1 + 4) + 5 = \boxed{?}$

f. $1 + 4 + 5 = \boxed{?}$

g. $8 + (7 + 3) = \boxed{?}$

h. $(8 + 7) + 3 = \boxed{?}$

i. $8 + 7 + 3 = \boxed{?}$

j. $(7 + 3) + 8 = \boxed{?}$

k. $7 + (3 + 8) = \boxed{?}$

l. $7 + 3 + 8 = \boxed{?}$

m. $(6 + 4) + 9 = \boxed{?}$

n. $6 + (4 + 9) = \boxed{?}$

o. $6 + 4 + 9 = \boxed{?}$

p. $9 + (6 + 4) = \boxed{?}$

q. $(9 + 6) + 4 = \boxed{?}$

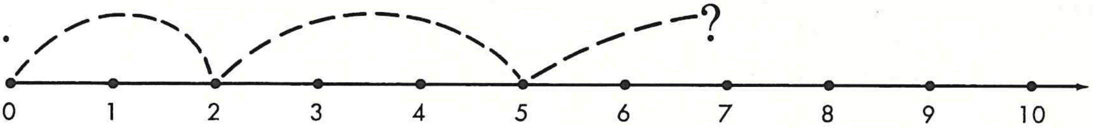
r. $9 + 6 + 4 = \boxed{?}$

s. $7 + 2 + 8 = \boxed{?}$

t. $8 + 7 + 2 = \boxed{?}$

Think about jumps on the number line.

1.

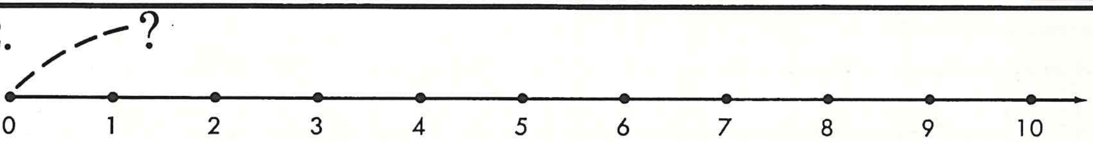


Start at 0. Jump 2. Now jump 3. Now jump 4.

a. Where did you end?

b. 2 + 3 + 4 = ☐?

2.

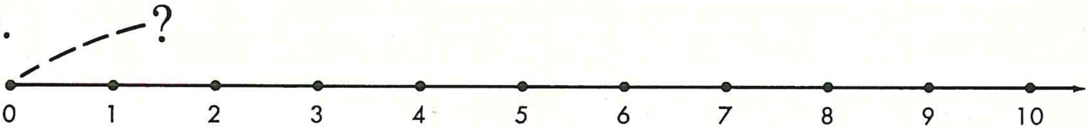


Start at 0. Jump 3. Now jump 4. Now jump 2.

a. Where did you end?

b. 3 + 4 + 2 = ☐?

3.

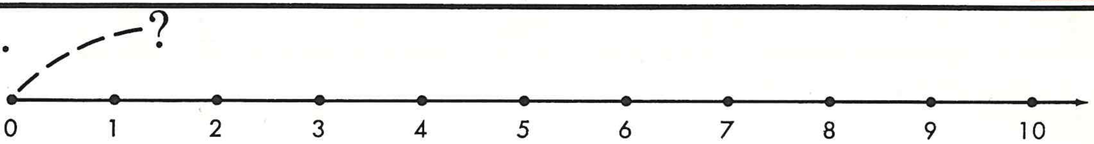


Start at 0. Jump 4. Now jump 2. Now jump 3.

a. Where did you end?

b. 4 + 2 + 3 = ☐?

4.



Start at 0. Jump 3. Now jump 2. Now jump 4.

a. Where did you end?

b. 3 + 2 + 4 = ☐?

Copy the puzzle. Then fill in the answers.

1 ?	2 ?	▨	3 ?	4 ?
5 ?	?	6 ?	?	▨
7 ?	▨	8 ?	▨	9 ?
▨	10 ?	?	11 ?	?
12 ?	?	▨	13 ?	?

Across

1. XIV
3. Number in a dozen
5. Largest 4-digit number
7. Largest 1-digit number
8. 1 > ____
9. 10 − 9
10. 1 thousand ten
12. XXX
13. 6 tens

Down

1. Number just before 200
2. 35 + 14
3. XIX
4. Number in a pair
6. 90 tens
9. One hundred
10. 18 − 8
11. 10 + 6
12. 8 − 5

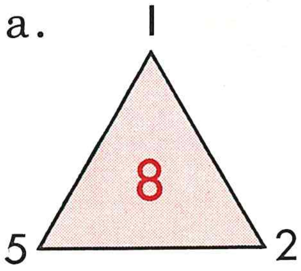
Copy the box. Then fill each square with 2 or 3 so that the sum in any row or column is 9.

4	3	?
?	4	?
?	?	4

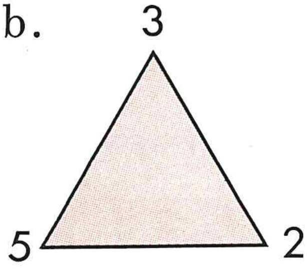
Write the sum for each figure.

1\.

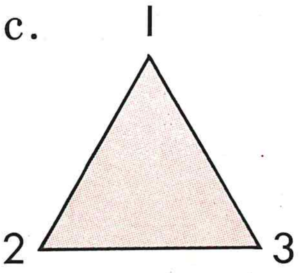
a\.



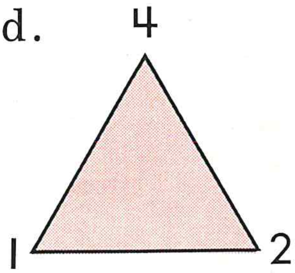
b\.



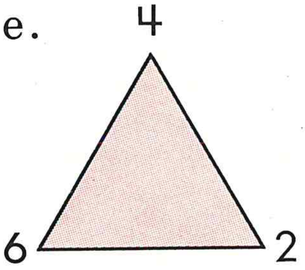
c\.



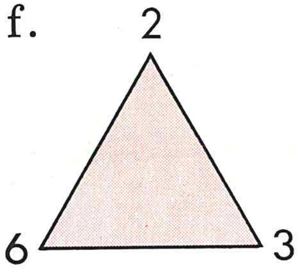
d\.



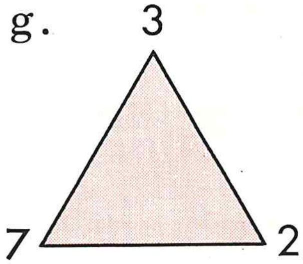
e\.



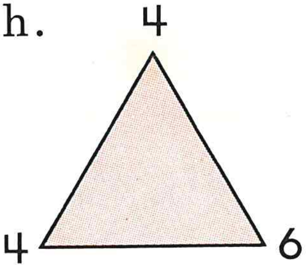
f\.



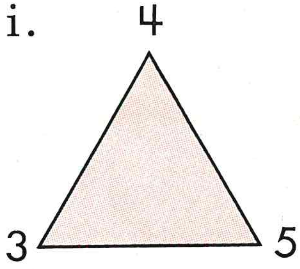
g\.



h\.

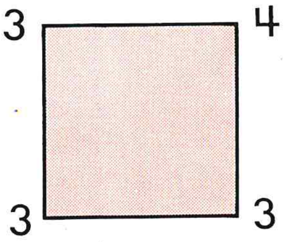


i\.

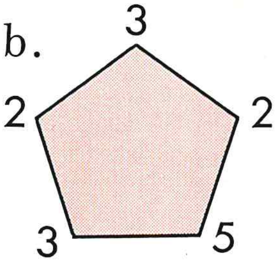


2\.

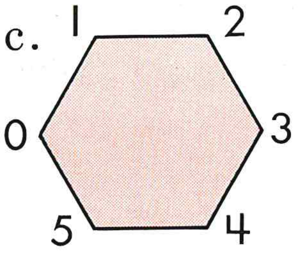
a\.



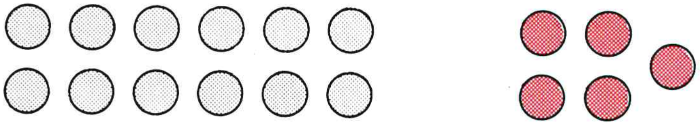
b\.



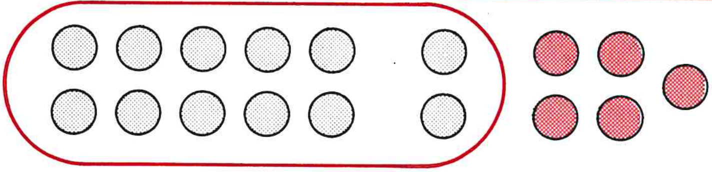
c\.



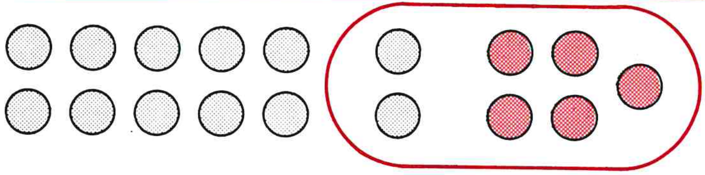
Study the sets; then solve the equations.



$12 + 5$



$(10 + 2) + 5$



$10 + (2 + 5)$

a. $10 + (2 + 5) = 10 + 7 = \boxed{?}$

b. $12 + 5 = \boxed{?}$

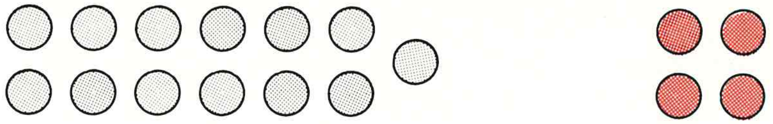
c. $14 + 2 = 10 + \boxed{?}$

d. $13 + 5 = 10 + \boxed{?}$

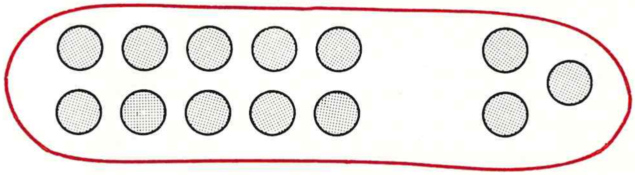
e. $11 + 4 = 10 + \boxed{?}$

f. $15 + 3 = 10 + \boxed{?}$

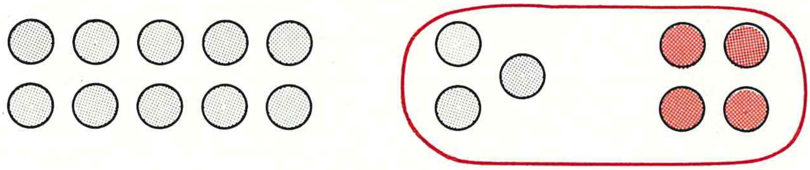
Study the sets; then solve the equations.



$13 + 4$



$(10 + 3) + 4$



$10 + (3 + 4)$

a. $10 + (3 + 4) = 10 + 7 = \boxed{?}$

b. $13 + 4 = \boxed{?}$

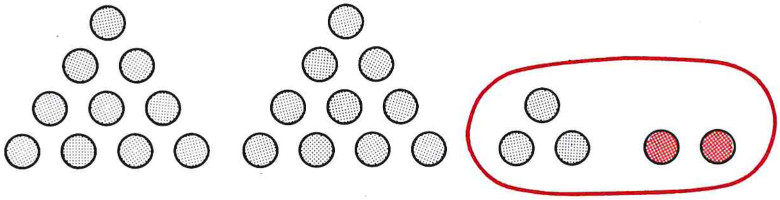
c. $11 + 6 = 10 + \boxed{?}$

d. $13 + 2 = 10 + \boxed{?}$

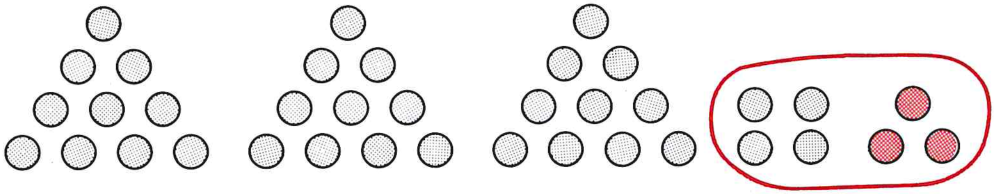
e. $16 + 3 = 10 + \boxed{?}$

f. $15 + 1 = 10 + \boxed{?}$

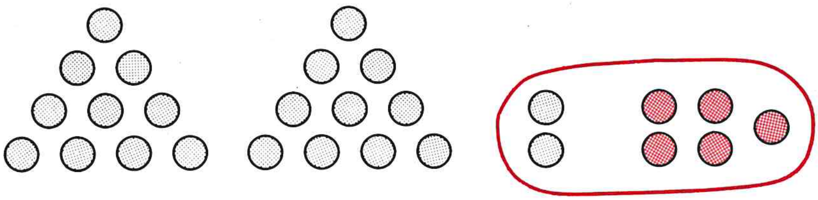
Study the sets; then copy and complete the equation.



a. 23 + 2 = 20 + ? = ?

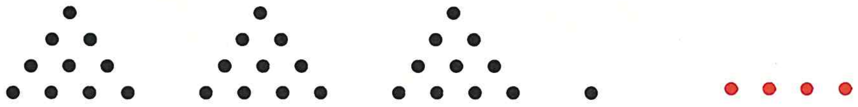


b. 34 + 3 = 30 + ? = ?



c. 22 + 5 = 20 + ? = ?

Study the example; then find the sums.



$31 + 4 = 30 + (1 + 4) = 35$

	$\begin{array}{r} 31 \\ +4 \\ \hline \end{array}$	$\begin{array}{lr} & 30 + 1 \\ + & 4 \\ \hline & 30 + 5 \end{array}$	$\begin{array}{r} 31 \\ +4 \\ \hline 35 \end{array}$
	$\begin{array}{r} 56 \\ +2 \\ \hline \end{array}$	$\begin{array}{lr} & 50 + 6 \\ + & 2 \\ \hline & 50 + 8 \end{array}$	$\begin{array}{r} 56 \\ +2 \\ \hline 58 \end{array}$
1.	$\begin{array}{r} 34 \\ +5 \\ \hline \end{array}$	a. $\begin{array}{lr} & 30 + 4 \\ + & 5 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 34 \\ +5 \\ \hline ? \end{array}$
2.	$\begin{array}{r} 13 \\ +4 \\ \hline \end{array}$	a. $\begin{array}{lr} & 10 + 3 \\ + & 4 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 13 \\ +4 \\ \hline ? \end{array}$

Hobbies

1. Jim saves stamps. To count them, he groups by tens. He found that he had 6 groups of ten and 3.
   a. How many stamps did he have?
   b. If he received 4 more, how many would he have?

2. Joe saves baseball cards. He started his collection last year with 5 cards. Since then he has saved 42 more cards. How many does he have now?

3. Jean has a butterfly collection. She has 6 in one box and 7 in another. How many does she have in the two boxes?

4. Jean is working on a third box that will have 5 butterflies. How many will she have in the 3 boxes?

Find the sums.

1.			a	b	c	d
	36	5	27	80	6	11
	+2	+84	+1	+6	+80	+5
	38	89				

2.	a	b	c	d	e	f
	72	93	4	12	54	5
	+5	+4	+93	+3	+2	+83

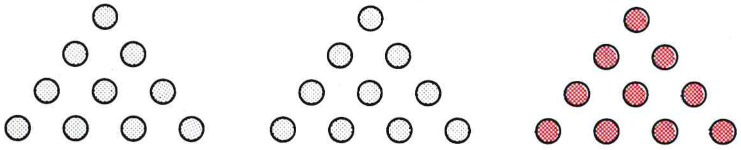
3.	a	b	c	d	e	f
	65	4	7	43	34	2
	+4	+65	+22	+5	+2	+36

4.	a	b	c	d	e	f
	5	24	15	4	41	13
	+53	+4	+4	+15	+7	+6

5.	a	b	c	d	e	f
	35	53	3	1	48	65
	+2	+3	+53	+48	+1	+2

Solve.

1.



a. $20 + 10 = \boxed{?}$

b. $\begin{array}{r} 20 \\ +\,10 \\ \hline \end{array}$

2. a. $30 + 50 = \boxed{?}$

b. $40 + 30 = \boxed{?}$

c. $60 + 10 = \boxed{?}$

d. $50 + 20 = \boxed{?}$

e. $30 + 60 = \boxed{?}$

f. $20 + 30 = \boxed{?}$

3.

a	b	c	d	e	f
$\begin{array}{r} 70 \\ +\,10 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ +\,50 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ +\,20 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ +\,30 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ +\,10 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +\,40 \\ \hline \end{array}$
g	h	i	j	k	l
$\begin{array}{r} 30 \\ +\,40 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ +\,70 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +\,60 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ +\,40 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ +\,30 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ +\,40 \\ \hline \end{array}$

Solve.

1. a. $50 + 40 = \boxed{?}$

b. $30 + 30 = \boxed{?}$

c. $60 + 30 = \boxed{?}$

d. $10 + 10 = \boxed{?}$

e. $40 + 30 = \boxed{?}$

f. $20 + 70 = \boxed{?}$

g. $20 + 20 = \boxed{?}$

h. $60 + 10 = \boxed{?}$

i. $30 + 20 = \boxed{?}$

j. $40 + 40 = \boxed{?}$

k. $30 + 50 = \boxed{?}$

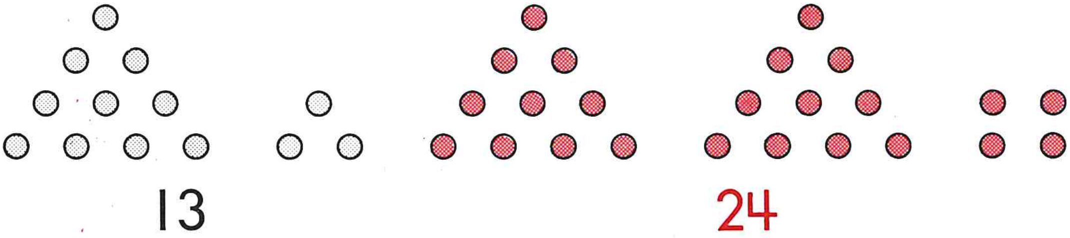
l. $60 + 20 = \boxed{?}$

2.

a	b	c	d	e	f
70	50	40	20	10	30
+20	+30	+40	+10	+70	+40

g	h	i	j	k	l
60	40	30	20	20	10
+20	+50	+30	+50	+20	+10

Give the missing numbers.



a. For 13 we have ___?___ tens and 3 ones.

b. For 24 we have 2 tens and ___?___ ones.

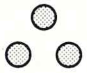
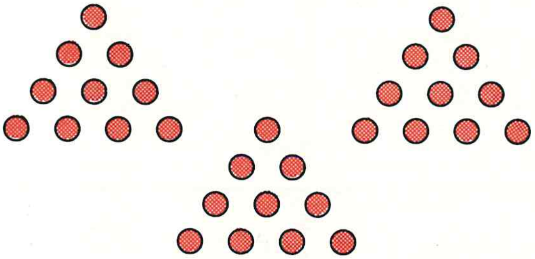
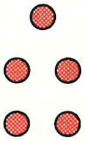
c. In all we have ___?___ tens and 7 ones.

Study the example.

$$\begin{aligned} 13 + 24 &= (10 + 3) + (20 + 4) \\ &= (10 + 20) + (3 + 4) \\ &= 30 + 7 \\ &= 37 \end{aligned}$$

$$\begin{array}{r} 13 \\ +\,24 \\ \hline \end{array} \qquad \begin{array}{r} 10 + 3 \\ +\,(20 + 4) \\ \hline 30 + 7 \end{array} \qquad \begin{array}{r} 13 \\ +\,24 \\ \hline 37 \end{array}$$

Give the missing numbers.

Tens	Ones	Total
		23
		35
1. 5 tens	8 ones	?

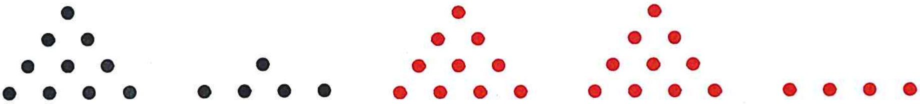
2. $23 + 35 = (20 + 3) + (30 + 5)$

$= (20 + 30) + (3 + 5)$

a. $=$? + ?

b. $=$?

Study the example; then copy the problems and find the sums.

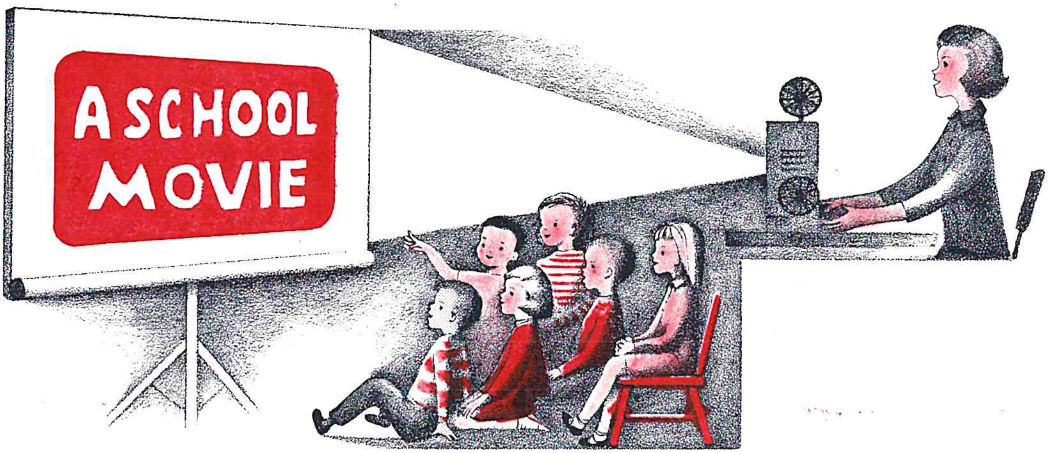


$$15 + 24 = (10 + 20) + (5 + 4) = 30 + 9$$

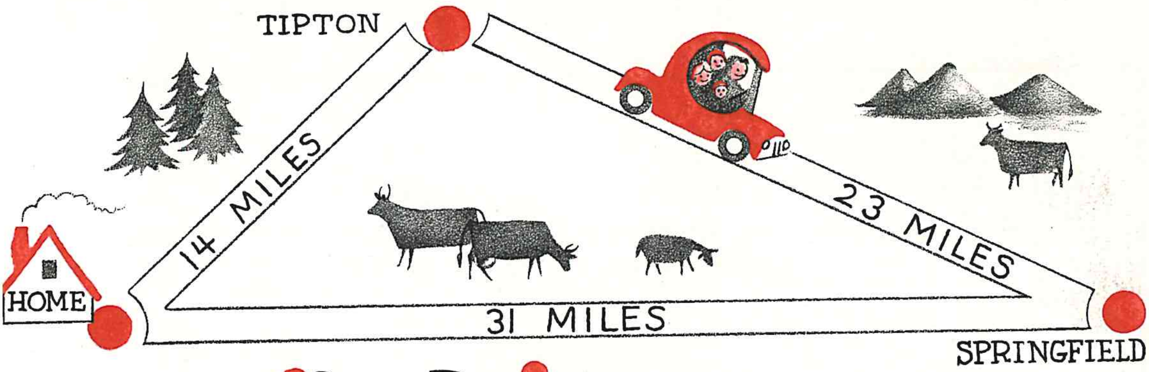
	$\begin{array}{r} 15 \\ +24 \\ \hline \end{array}$		$\begin{array}{r} 10 + 5 \\ +(20 + 4) \\ \hline 30 + 9 \end{array}$	$\begin{array}{r} 15 \\ +24 \\ \hline 39 \end{array}$
	$\begin{array}{r} 36 \\ +42 \\ \hline \end{array}$		$\begin{array}{r} 30 + 6 \\ +(40 + 2) \\ \hline 70 + 8 \end{array}$	$\begin{array}{r} 36 \\ +42 \\ \hline 78 \end{array}$
1.	$\begin{array}{r} 61 \\ +27 \\ \hline \end{array}$	a.	$\begin{array}{r} 60 + 1 \\ +(20 + 7) \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 61 \\ +27 \\ \hline ? \end{array}$
2.	$\begin{array}{r} 53 \\ +32 \\ \hline \end{array}$	a.	$\begin{array}{r} 50 + 3 \\ +(30 + 2) \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 53 \\ +32 \\ \hline ? \end{array}$

Find the sums.

1.		a	b	c	d	e
	74	43	35	61	56	14
	+ 12	+ 26	+ 41	+ 32	+ 22	+ 34
	86					
2.	a	b	c	d	e	f
	42	18	16	46	70	84
	+ 55	+ 30	+ 12	+ 3	+ 19	+ 4
3.	a	b	c	d	e	f
	8	33	13	60	31	3
	+ 61	+ 33	+ 31	+ 24	+ 42	+ 26
4.	a	b	c	d	e	f
	15	36	33	11	26	42
	+ 24	+ 51	+ 22	+ 47	+ 50	+ 56
5.	a	b	c	d	e	f
	74	74	74	74	74	74
	+ 4	+ 5	+ 6	+ 7	+ 8	+ 9



1. Miss Day's class has 13 girls and 11 boys. How many children are in the class?
2. Mrs. Wall's class has 12 girls and 10 boys. How many children are in her class?
3. The two classes went together to see a school movie. How many pupils saw the movie?
4. How many girls in the two classes saw the movie?
5. How many boys in the two classes saw the movie?
6. In the school that day 54 girls and 43 boys saw the movie. How many children saw the movie that day?



A Family Drive

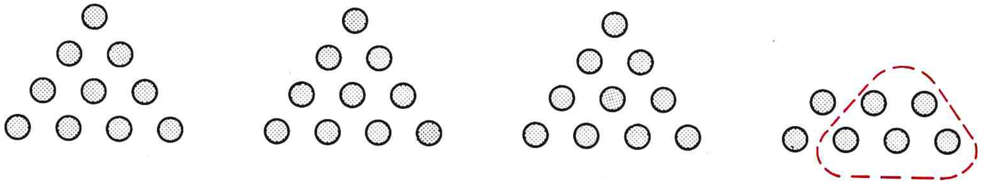
1. Eddy and his family drove from home to Tipton, a distance of 14 miles. How far is a round trip between Eddy's home and Tipton?

2. From Tipton the family went to Springfield, a distance of 23 miles. How many miles had they traveled when they got to Springfield?

3. On the way home Eddy counted 53 cows, and his sister counted 46 sheep. How many animals did they count in all?

4. The distance from Springfield to home was 31 miles. How far had the family driven that day?

Study the example; then copy the problems and find the differences.



	$\begin{array}{r} 37 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 30 + 7 \\ -\qquad 5 \\ \hline 30 + 2 \end{array}$	$\begin{array}{r} 37 \\ -5 \\ \hline 32 \end{array}$
	$\begin{array}{r} 29 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 20 + 9 \\ -\qquad 3 \\ \hline 20 + 6 \end{array}$	$\begin{array}{r} 29 \\ -3 \\ \hline 26 \end{array}$
1.	$\begin{array}{r} 85 \\ -4 \\ \hline \end{array}$	a. $\begin{array}{r} 80 + 5 \\ -\qquad 4 \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 85 \\ -4 \\ \hline ? \end{array}$
2.	$\begin{array}{r} 68 \\ -2 \\ \hline \end{array}$	a. $\begin{array}{r} 60 + 8 \\ -\qquad 2 \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 68 \\ -2 \\ \hline ? \end{array}$

Subtract.

	a	b	c	d	e	f
1.	85	36	42	78	97	18
	−3	−5	−1	−6	−4	−5

	a	b	c	d	e	f
2.	23	69	39	24	66	84
	−2	−8	−5	−2	−3	−1

	a	b	c	d	e	f
3.	76	38	89	72	86	33
	−2	−5	−8	−2	−4	−3

	a	b	c	d	e	f
4.	38	59	26	88	64	18
	−7	−9	−1	−6	−0	−5

	a	b	c	d	e	f
5.	68	49	83	46	27	18
	−7	−7	−1	−6	−5	−8

Jumping Rope

1. Helen had 58 cents. She bought a new jump rope for 5 cents. How much money did she have left?

2. There were 28 girls on the playground. Six girls were jumping rope. How many girls were not jumping rope?

3. During one turn, Helen jumped the rope 34 times before missing. Ruth jumped 2 times less than Helen. How many times did Ruth jump?

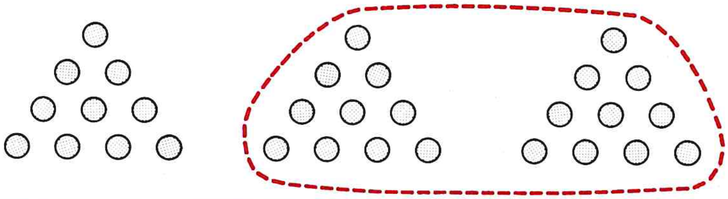
4. On her way home from school, Helen skipped rope for one block. She skipped 67 times and missed only 6 times. How many times did she skip the rope without missing?

5. Helen's sister skipped 48 times and missed 7 times. How many times did she skip without missing?

Solve.

	a	b	c	d	e	f
1.	35 +4	39 −4	72 +6	78 −6	83 +4	87 −4
2.	61 +5	66 −5	46 +3	49 −3	52 +5	57 −5
3.	22 +4	26 −4	95 +3	98 −3	10 +5	15 −5
4.	40 +9	49 −9	17 +2	19 −2	73 +3	76 −3
5.	92 +7	99 −7	65 +2	67 −2	84 +4	88 −4

Study the example; then find the differences.



$$\begin{array}{r}30\\-20\\\hline 10\end{array}$$

1.

a	b	c	d	e	f
60	80	50	70	90	40
−40	−30	−10	−20	−60	−30

2.

a	b	c	d	e	f
90	80	20	20	70	60
−40	−60	−10	−20	−40	−20

3.

a	b	c	d	e	f
90	60	40	80	90	70
−30	−30	−10	−40	−50	−50

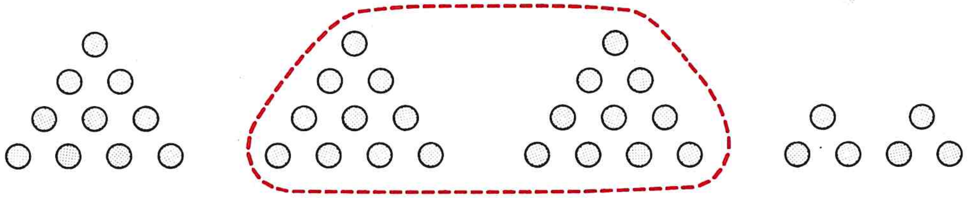
4.

a	b	c	d	e	f
50	90	80	50	40	70
−30	−70	−10	−20	−20	−70

Solve.

	a	b	c	d	e	f
1.	40 + 30	70 − 30	20 + 50	70 − 50	80 + 10	90 − 10
2.	30 + 30	60 − 30	0 + 40	40 − 40	20 + 70	90 − 70
3.	20 + 60	80 − 60	30 + 20	50 − 20	60 + 30	90 − 30
4.	40 + 50	90 − 50	20 + 20	40 − 20	30 + 20	50 − 20
5.	10 + 60	70 − 60	40 + 40	80 − 40	30 + 50	80 − 50

Study the examples; then copy the problems and find the differences.

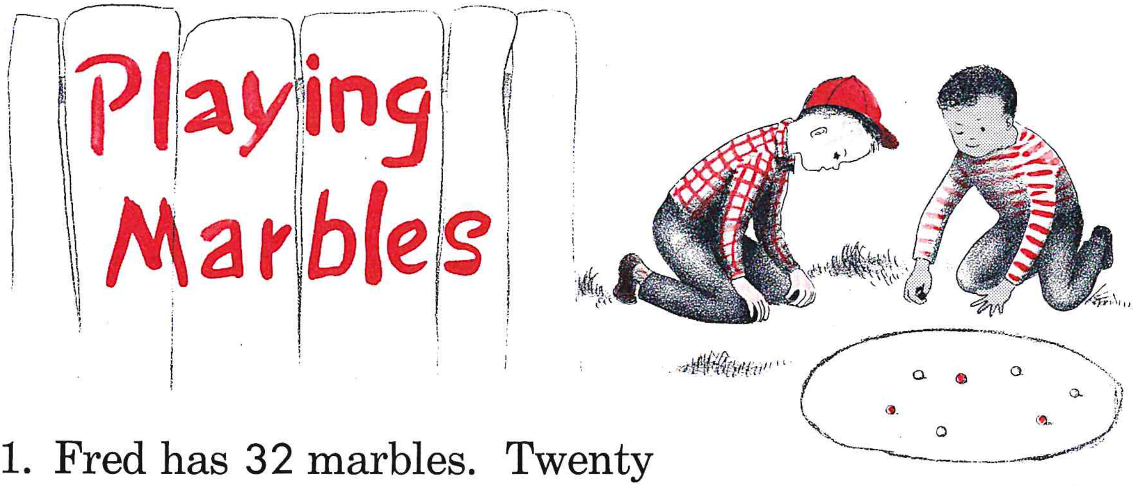


$\begin{array}{r} 36 \\ -20 \\ \hline \end{array}$	$\begin{array}{r} 30 + 6 \\ -20 \\ \hline 10 + 6 \end{array}$	$\begin{array}{r} 36 \\ -20 \\ \hline 16 \end{array}$
$\begin{array}{r} 78 \\ -40 \\ \hline \end{array}$	$\begin{array}{r} 70 + 8 \\ -40 \\ \hline 30 + 8 \end{array}$	$\begin{array}{r} 78 \\ -40 \\ \hline 38 \end{array}$
1. $\begin{array}{r} 52 \\ -20 \\ \hline \end{array}$	a. $\begin{array}{r} 50 + 2 \\ -20 \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 52 \\ -20 \\ \hline ? \end{array}$
2. $\begin{array}{r} 67 \\ -30 \\ \hline \end{array}$	a. $\begin{array}{r} 60 + 7 \\ -30 \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 67 \\ -30 \\ \hline ? \end{array}$

Find the differences.

	a	b	c	d	e	f
1.	95 -70	84 -30	53 -20	67 -40	71 -50	92 -30
2.	75 -60	88 -20	43 -30	64 -60	73 -30	25 -10
3.	85 -60	93 -40	61 -30	89 -40	97 -50	23 -20
4.	93 -70	93 -80	93 -90	48 -40	70 -70	62 -20
5.	55 -30	81 -10	59 -40	18 -10	36 -20	94 -60

Playing Marbles



1. Fred has 32 marbles. Twenty of them are red. How many marbles does Fred have that are not red?

2. George has 96 marbles. He bought 30 of them this year. How many marbles did he have last year?

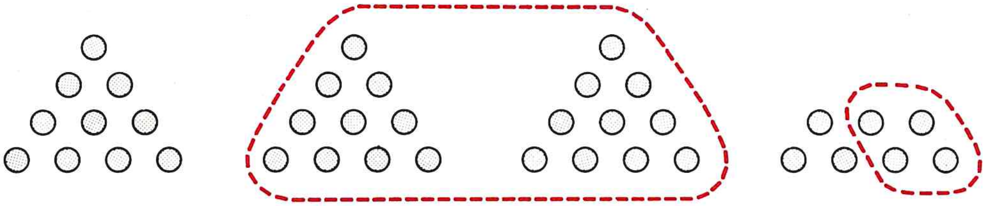
3. George loaned 20 marbles to Bob and 30 marbles to Bill.
   - a. How many marbles did he loan in all?
   - b. How many marbles does George have left?

4. Bob has 7 marbles in one sack. He has 40 marbles in a smaller sack. How many more marbles are in the larger sack than the smaller?

Solve.

	a	b	c	d	e	f
1.	63 + 20	83 − 20	46 + 30	76 − 30	52 + 40	92 − 40
2.	26 + 20	46 − 20	78 + 10	88 − 10	31 + 50	81 − 50
3.	6 + 70	76 − 70	37 + 60	97 − 60	45 + 40	85 − 40
4.	23 + 70	93 − 70	14 + 10	24 − 10	8 + 30	38 − 30
5.	70 + 23	93 − 23	10 + 14	24 − 14	30 + 8	38 − 8

Study the example; then copy the problems and find the differences.



$$\begin{array}{r} 37 \\ -24 \\ \hline \end{array} \qquad \begin{array}{r} 30 + 7 \\ -(20 + 4) \\ \hline 10 + 3 \end{array} \qquad \begin{array}{r} 37 \\ -24 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 68 \\ -41 \\ \hline \end{array} \qquad \begin{array}{r} 60 + 8 \\ -(40 + 1) \\ \hline 20 + 7 \end{array} \qquad \begin{array}{r} 68 \\ -41 \\ \hline 27 \end{array}$$

1. $\begin{array}{r} 75 \\ -32 \\ \hline \end{array}$ a. $\begin{array}{r} 70 + 5 \\ -(30 + 2) \\ \hline ? + ? \end{array}$ b. $\begin{array}{r} 75 \\ -32 \\ \hline ? \end{array}$

2. $\begin{array}{r} 96 \\ -65 \\ \hline \end{array}$ a. $\begin{array}{r} 90 + 6 \\ -(60 + 5) \\ \hline ? + ? \end{array}$ b. $\begin{array}{r} 96 \\ -65 \\ \hline ? \end{array}$

Find the differences.

	a	b	c	d	e	f
1.	$\begin{array}{r} 84 \\ -32 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ -25 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ -64 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ -36 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ -20 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ -17 \\ \hline \end{array}$
2.	$\begin{array}{r} 35 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ -30 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ -31 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -22 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ -41 \\ \hline \end{array}$
3.	$\begin{array}{r} 58 \\ -36 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ -20 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ -11 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ -75 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ -13 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ -24 \\ \hline \end{array}$
4.	$\begin{array}{r} 79 \\ -58 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ -50 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ -33 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ -31 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ -34 \\ \hline \end{array}$
5.	$\begin{array}{r} 68 \\ -24 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ -16 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ -73 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ -42 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ -51 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ -36 \\ \hline \end{array}$

BEFORE THANKSGIVING DAY

1. Susan's class collected cans of food to place in Thanksgiving baskets. The girls brought 46 cans, and the boys brought 33 cans. How many cans of food did the class collect?

2. Each can contained vegetables or fruit. There were 52 cans of vegetables. How many cans of fruit were there?

3. All but 10 of the cans of vegetables contained green vegetables. How many cans contained green vegetables?

4. The class gave away 64 cans of food yesterday. How many cans of food are left?

5. All but 13 of the cans of fruit contained pears. How many cans contained pears?

Solve.

	a	b	c	d	e	f
1.	36 + 21	57 − 21	85 + 12	97 − 12	52 + 34	86 − 34
2.	27 + 42	69 − 42	71 + 25	96 − 25	64 + 14	78 − 14
3.	39 + 20	59 − 20	86 + 3	89 − 3	41 + 37	78 − 37
4.	64 + 15	79 − 15	32 + 55	87 − 55	22 + 66	88 − 66
5.	13 + 65	78 − 65	24 + 74	98 − 74	6 + 62	68 − 62

1. Solve.

$$\begin{array}{r}\text{a}\\43\\+25\\\hline\end{array}\qquad\begin{array}{r}\text{b}\\57\\+41\\\hline\end{array}\qquad\begin{array}{r}\text{c}\\36\\+53\\\hline\end{array}\qquad\begin{array}{r}\text{d}\\12\\+55\\\hline\end{array}\qquad\begin{array}{r}\text{e}\\73\\+22\\\hline\end{array}\qquad\begin{array}{r}\text{f}\\10\\+49\\\hline\end{array}$$

$$\begin{array}{r}\text{g}\\86\\-24\\\hline\end{array}\qquad\begin{array}{r}\text{h}\\72\\-42\\\hline\end{array}\qquad\begin{array}{r}\text{i}\\38\\-15\\\hline\end{array}\qquad\begin{array}{r}\text{j}\\97\\-56\\\hline\end{array}\qquad\begin{array}{r}\text{k}\\43\\-32\\\hline\end{array}\qquad\begin{array}{r}\text{l}\\79\\-27\\\hline\end{array}$$

2. Copy the problems, giving the correct numeral for the ? .

$$\begin{array}{r}\text{a}\\?\;?\\+2\;6\\\hline7\;9\end{array}\qquad\begin{array}{r}\text{b}\\2\;?\\+4\;5\\\hline?\;7\end{array}\qquad\begin{array}{r}\text{c}\\3\;2\\+?\;0\\\hline7\;?\end{array}\qquad\begin{array}{r}\text{d}\\?\;4\\+5\;4\\\hline9\;?\end{array}\qquad\begin{array}{r}\text{e}\\1\;3\\+4\;?\\\hline?\;5\end{array}$$

$$\begin{array}{r}\text{f}\\8\;6\\-?\;?\\\hline3\;3\end{array}\qquad\begin{array}{r}\text{g}\\9\;4\\-3\;?\\\hline?\;3\end{array}\qquad\begin{array}{r}\text{h}\\?\;7\\-3\;2\\\hline4\;?\end{array}\qquad\begin{array}{r}\text{i}\\6\;5\\-?\;1\\\hline2\;?\end{array}\qquad\begin{array}{r}\text{j}\\9\;?\\-2\;0\\\hline?\;5\end{array}$$

Solve.

	a	b	c	d	e	f
1.	$\begin{array}{r} 87 \\ -34 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ -50 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ -41 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ -61 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -44 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ -55 \\ \hline \end{array}$
2.	$\begin{array}{r} 32 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +21 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ +40 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ +20 \\ \hline \end{array}$	$\begin{array}{r} 33 \\ +25 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ +13 \\ \hline \end{array}$
3.	$\begin{array}{r} 56 \\ -24 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ -35 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -40 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ -11 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ -42 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ -5 \\ \hline \end{array}$
4.	$\begin{array}{r} 6 \\ +50 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ +25 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ +41 \\ \hline \end{array}$	$\begin{array}{r} 61 \\ +16 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ +52 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ +32 \\ \hline \end{array}$

	a	b	c	d	e	f
5.	$\begin{array}{r} 54 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -7 \\ \hline \end{array}$

Copy each column, giving the missing numbers.

a	b	c
10	100	1000
20	200	2000
30	300	3000
?	?	?
?	?	?
?	?	?
?	?	?
?	?	?
?	?	?
?	?	?

d. What number is 100 more than 400?

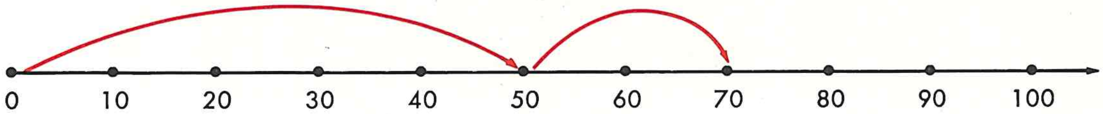
e. What number is 10 more than 60?

f. What number is 1000 more than 8000?

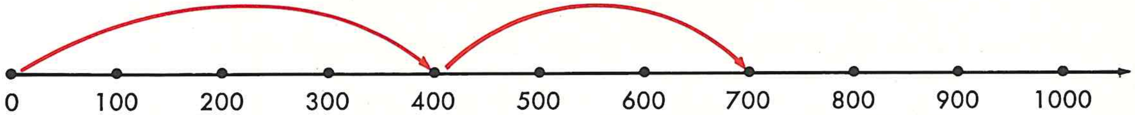
g. What number is 200 more than 300?

h. What number is 2000 more than 3000?

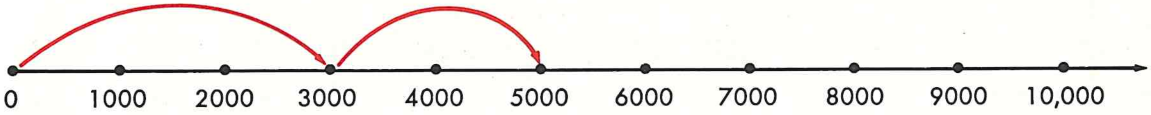
Study the number line; then solve the equation.



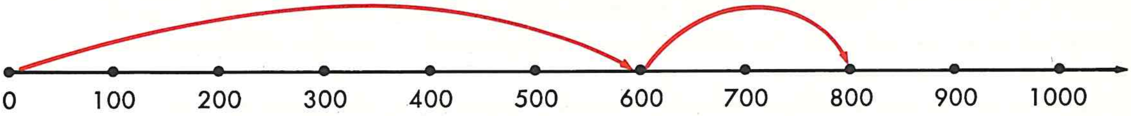
a. 50 + 20 = ?



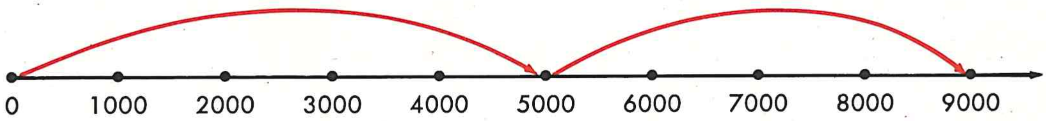
b. 400 + ? = 700



c. ? + 2000 = 5000



d. 600 + ? = 800



e. 5000 + ? = 9000

Find the sum; then give the answers.

1.

$$\begin{array}{r} 30 \\ +40 \\ \hline 70 \end{array}$$

a. How many tens?

b. How many tens?

c. How many tens in all?

2.

$$\begin{array}{r} 300 \\ +400 \\ \hline \end{array}$$

a. How many hundreds?

b. How many hundreds?

c. How many hundreds in all?

3.

$$\begin{array}{r} 3000 \\ +4000 \\ \hline \end{array}$$

a. How many thousands?

b. How many thousands?

c. How many thousands in all?

4. Find the sums.

$$\begin{array}{ccccc} \text{a} & \text{b} & \text{c} & \text{d} & \text{e} \\ \begin{array}{r} 30 \\ +60 \\ \hline \end{array} & \begin{array}{r} 50 \\ +20 \\ \hline \end{array} & \begin{array}{r} 300 \\ +200 \\ \hline \end{array} & \begin{array}{r} 4000 \\ +4000 \\ \hline \end{array} & \begin{array}{r} 5000 \\ +3000 \\ \hline \end{array} \end{array}$$

Solve the equations.

1.

a. $5 + 3 = \underline{\ ?\ }$

b. $50 + 30 = \underline{\ ?\ }$

c. $500 + 300 = \underline{\ ?\ }$

d. $5000 + 3000 = \underline{\ ?\ }$

2.

a. $60 + 20 = \underline{\ ?\ }$

b. $100 + 200 = \underline{\ ?\ }$

c. $300 + 200 = \underline{\ ?\ }$

d. $20 + 30 = \underline{\ ?\ }$

e. $6000 + 3000 = \underline{\ ?\ }$

f. $500 + 100 = \underline{\ ?\ }$

g. $30 + 30 = \underline{\ ?\ }$

h. $5000 + 4000 = \underline{\ ?\ }$

i. $2000 + 5000 = \underline{\ ?\ }$

j. $50 + 10 = \underline{\ ?\ }$

k. $70 + 20 = \underline{\ ?\ }$

l. $800 + 100 = \underline{\ ?\ }$

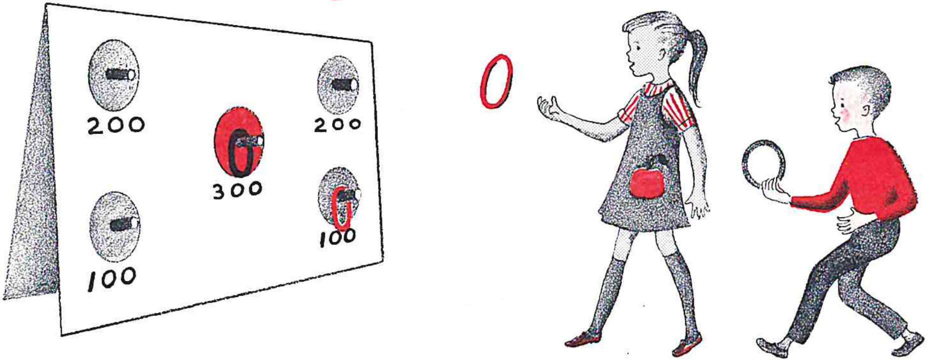
m. $40 + 20 = \underline{\ ?\ }$

n. $7000 + 2000 = \underline{\ ?\ }$

o. $200 + 500 = \underline{\ ?\ }$

p. $60 + 30 = \underline{\ ?\ }$

Ring Toss



1. Tom and Jan were playing ring toss. In three tries, Jan scored 100, 300, and 200. Tom scored 200, 100, and 200. Who won the game?

2. In the next game, Jan scored 200, 200, and 100. Tom scored 200, 300, and 0. Did anyone win this game?

3. In the last game, Jan scored 300, 300, and 0. Tom scored 200, 200, and 300. Who won this game?

4. In the second game, how many points did Jan and Tom score in all?

Find the sums.

1.

a	b	c	d	e	f
2	4	6	1	3	4
3	2	2	2	3	1
+5	+1	+2	+3	+3	+4

2.

a	b	c	d	e
10	60	40	20	50
20	10	30	20	30
+30	+20	+20	+20	+10

3.

a	b	c	d
200	600	200	400
400	100	300	200
+200	+200	+100	+300

.

a	b	c	d
1000	4000	3000	5000
6000	1000	3000	1000
+2000	+3000	+3000	+2000

Give the missing numbers.

765

The 7 means 700.

a. The 6 means ?.

b. The 5 means ?.

What number is 10 more than 765? 775

c. What number is 100 more than 765? ?

d. What number is 1 more than 765? ?

e. What number is 10 less than 765? ?

f. What number is 100 less than 765? ?

g. What number is 1 less than 765? ?

h. ★ What number is 10 less
than 100 more than 7654? ?

1. Give the missing numbers.

a. 750 means 7 hundreds and ? tens.

b. 608 means ? hundreds and 8 ones.

c. 94 means ? tens and 4 ones.

d. 603 means 6 hundreds and ? ones.

e. 340 means 3 hundreds and ? tens.

f. 802 means ? hundreds and 2 ones.

2. Find the sums.

700 + 50 = ?

600 + 80 = ?

90 + 4 = ?

600 + 3 = ?

300 + 400 = ?

800 + 90 = ?

g. 200 + 9 = ?

h. 600 + 4 = ?

i. 80 + 7 = ?

j. 600 + 30 = ?

k. 500 + 70 = ?

l. 40 + 8 = ?

Study the example; then copy the problems and find the sums.

$$\begin{array}{r} 324 \\ +163 \\ \hline \end{array} \qquad \begin{array}{r} 300 + 20 + 4 \\ +(100 + 60 + 3) \\ \hline 400 + 80 + 7 \end{array} \qquad \begin{array}{r} 324 \\ +163 \\ \hline 487 \end{array}$$

$$\begin{array}{r} 423 \\ +256 \\ \hline \end{array} \qquad \begin{array}{r} 400 + 20 + 3 \\ +(200 + 50 + 6) \\ \hline 600 + 70 + 9 \end{array} \qquad \begin{array}{r} 423 \\ +256 \\ \hline 679 \end{array}$$

1. $$\begin{array}{r} 528 \\ +310 \\ \hline \end{array} \qquad \text{a. } \begin{array}{r} 500 + 20 + 8 \\ +(300 + 10 + 0) \\ \hline ? + ? + ? \end{array} \qquad \text{b. } \begin{array}{r} 528 \\ +310 \\ \hline ? \end{array}$$

2. $$\begin{array}{r} 312 \\ +453 \\ \hline \end{array} \qquad \text{a. } \begin{array}{r} 300 + 10 + 2 \\ +(400 + 50 + 3) \\ \hline ? + ? + ? \end{array} \qquad \text{b. } \begin{array}{r} 312 \\ +453 \\ \hline ? \end{array}$$

3. $$\begin{array}{r} 605 \\ +271 \\ \hline \end{array} \qquad \text{a. } \begin{array}{r} 600 + 0 + 5 \\ +(200 + 70 + 1) \\ \hline ? + ? + ? \end{array} \qquad \text{b. } \begin{array}{r} 605 \\ +271 \\ \hline ? \end{array}$$

.. Copy and solve the problems.

a	b	c	d
426	345	628	600
+152	+543	+150	+327

e	f	g	h
492	235	727	926
+106	+362	+61	+3

2. Copy the problems, giving the correct numeral for each ?.

a	b	c	d
? ? ?	3 4 2	? 0 ?	2 ? 3
+ 6 2 5	+ ? ? ?	+ ? 5	+ ? 1 ?
9 3 7	8 6 8	8 6 5	9 9 9

e	f	g	h
9 0 0	7 2 ?	? 2 5	6 0 ?
+ ? ? ?	+ ? 1	+ 4 ? 3	+ ? 4 2
1 0 0 0	? 8 8	8 7 ?	9 ? 6

Study the example; then copy the problems and find the sums.

$$\begin{array}{r} 5000 + 300 + 20 + 4 \\ +(2000 + 100 + 70 + 3) \\ \hline 7000 + 400 + 90 + 7 \end{array} \qquad \begin{array}{r} 5324 \\ +2173 \\ \hline 7497 \end{array}$$

1. a.
$$\begin{array}{r} 3000 + 200 + 60 + 4 \\ +(4000 + 300 + 20 + 5) \\ \hline ? + ? + ? + ? \end{array}$$
b.
$$\begin{array}{r} 3264 \\ +4325 \\ \hline ? \end{array}$$

2. a.
$$\begin{array}{r} 4000 + 300 + 20 + 1 \\ +(2000 + 500 + 10 + 6) \\ \hline ? + ? + ? + ? \end{array}$$
b.
$$\begin{array}{r} 4321 \\ +2516 \\ \hline ? \end{array}$$

3. a.
$$\begin{array}{r} 6000 + 100 + 50 + 0 \\ + \qquad (400 + 20 + 6) \\ \hline ? + ? + ? + ? \end{array}$$
b.
$$\begin{array}{r} 6150 \\ +426 \\ \hline ? \end{array}$$

4. a.
$$\begin{array}{r} 1000 + 800 + 60 + 3 \\ +(5000 + 0 + 20 + 6) \\ \hline ? + ? + ? + ? \end{array}$$
b.
$$\begin{array}{r} 1863 \\ +5026 \\ \hline ? \end{array}$$

Find the sums.

1.	a	b	c	d
	5281 + 1212	6215 + 1524	3126 + 4233	4184 + 4513
	e	f	g	h
	6000 + 1200	2222 + 33	3020 + 1234	16 + 7352
	i	j	k	l
	4126 + 253	2306 + 5023	4000 + 1209	354 + 8324
	m	n	o	p
	5062 + 315	2615 + 3	6218 + 20	3062 + 1904

2.	a	b	c	d
	9423 + 6	9423 + 7	9423 + 8	9423 + 9

Copy column a. Beside each problem write the correct sum from column b.

a	b
4235 + 5612	277
123 + 154	6929
1052 + 2037	97
6924 + 5	9847
623 + 415	10,000
54 + 43	3089
8285 + 10	5932
6000 + 4000	8295
999 + 1	1038
5932 + 0	1000

★ Write > (greater than) or < (less than) for each ?.

1. 2315 + 6124 > 8000

a. 52 + 56 ? 100

b. 395 + 401 ? 800

c. 5280 + 3010 ? 9000

d. 2215 + 600 ? 2900

e. 600 + 400 ? 999

f. 3001 + 4002 ? 7000

g. 32 + 67 ? 100

h. 300 + 4504 ? 4800

2.

a. 199 + 199 ? 400

b. 98 + 97 ? 200

c. 3995 + 10 ? 4000

d. 5280 + 5169 ? 10,000

Study the example; then find the differences.

$$\begin{array}{r} 6000 + 800 + 50 + 7 \\ -(2000 + 300 + 20 + 6) \\ \hline 4000 + 500 + 30 + 1 \end{array} \qquad \begin{array}{r} 6857 \\ -2326 \\ \hline 4531 \end{array}$$

1.a. $$\begin{array}{r} 4000 + 600 + 70 + 4 \\ -(2000 + 300 + 10 + 3) \\ \hline ? + ? + ? + ? \end{array}$$

b. $$\begin{array}{r} 4674 \\ -2313 \\ \hline ? \end{array}$$

2.a. $$\begin{array}{r} 900 + 70 + 6 \\ -(200 + 40 + 4) \\ \hline ? + ? + ? \end{array}$$

b. $$\begin{array}{r} 976 \\ -244 \\ \hline ? \end{array}$$

3.a. $$\begin{array}{r} 8000 + 700 + 50 + 9 \\ -(7000 + 200 + 50 + 6) \\ \hline ? + ? + ? + ? \end{array}$$

b. $$\begin{array}{r} 8759 \\ -7256 \\ \hline ? \end{array}$$

4.a. $$\begin{array}{r} 700 + 50 + 2 \\ -(300 + 30 + 2) \\ \hline ? + ? + ? \end{array}$$

b. $$\begin{array}{r} 752 \\ -332 \\ \hline ? \end{array}$$

Find the differences.

	a	b	c	d
1.	$\begin{array}{r} 793 \\ -751 \\ \hline 42 \end{array}$	$\begin{array}{r} 6987 \\ -2456 \\ \hline 4531 \end{array}$	$\begin{array}{r} 5268 \\ -3142 \\ \hline 2126 \end{array}$	$\begin{array}{r} 575 \\ -275 \\ \hline 300 \end{array}$
2.	$\begin{array}{r} 865 \\ -432 \\ \hline \end{array}$	$\begin{array}{r} 9762 \\ -3542 \\ \hline \end{array}$	$\begin{array}{r} 9236 \\ -8203 \\ \hline \end{array}$	$\begin{array}{r} 648 \\ -327 \\ \hline \end{array}$
3.	$\begin{array}{r} 826 \\ -524 \\ \hline \end{array}$	$\begin{array}{r} 2964 \\ -712 \\ \hline \end{array}$	$\begin{array}{r} 8473 \\ -8212 \\ \hline \end{array}$	$\begin{array}{r} 856 \\ -24 \\ \hline \end{array}$
4.	$\begin{array}{r} 685 \\ -300 \\ \hline \end{array}$	$\begin{array}{r} 9160 \\ -8160 \\ \hline \end{array}$	$\begin{array}{r} 7830 \\ -120 \\ \hline \end{array}$	$\begin{array}{r} 937 \\ -214 \\ \hline \end{array}$
5.	$\begin{array}{r} 739 \\ -516 \\ \hline \end{array}$	$\begin{array}{r} 4317 \\ -1202 \\ \hline \end{array}$	$\begin{array}{r} 3562 \\ -3511 \\ \hline \end{array}$	$\begin{array}{r} 678 \\ -671 \\ \hline \end{array}$

Solve.

	a	b	c	d
1.	426 + 351	6316 + 1231	6523 + 1246	43 + 726
2.	789 − 623	7850 − 430	5267 − 4210	846 − 813
3.	625 + 172	5162 + 4315	8523 + 1244	307 + 520
4.	975 − 31	6391 − 5371	6482 − 382	726 − 314
5.	843 + 150	8421 + 345	9264 + 700	624 + 75

Write the equations, giving the missing numbers.

a. ? + ? = 785

b. ? + ? = 943

c. ? + ? = 657

d. ? + ? = 456

e. ? + ? = 848

f. ? + ? = 583

g. ? + ? = 927

h. ? + ? = 609

i. ? + ? = 800

j. ? + ? = 1000

Solve.

1.

a	b	c	d
425	3243	4263	657
+362	+1620	−2151	−321

e	f	g	h
756	7276	6251	543
−234	−2036	+1524	+200

★2. Copy the problem, giving the correct numeral for each ?.

a	b	c	d
? ? ?	? ? ? ?	8 1 6 5	9 3 6
+2 5 6	−3 1 1 5	+ ? ? ?	− ? ? ?
9 7 9	4 2 6 3	8 8 8 6	0

e	f	g	h
? 9 5	4 2 ? 3	? 2 3 ?	7 2 ?
−6 ? 4	+3 ? 1 ?	−9 ? 1 4	+ ? 5 6
1 1 ?	? 3 7 8	? 0	9 ? 9

Write the correct symbol, + or −, for each ?.

2314 + 1234 = 3548

5264 − 2111 < 5000

a. 827 ? 210 = 617

b. 500 ? 327 > 500

c. 1000 ? 1 = 999

d. 400 ? 400 < 1

e. 2020 ? 20 = 2000

f. 5280 ? 10 > 5285

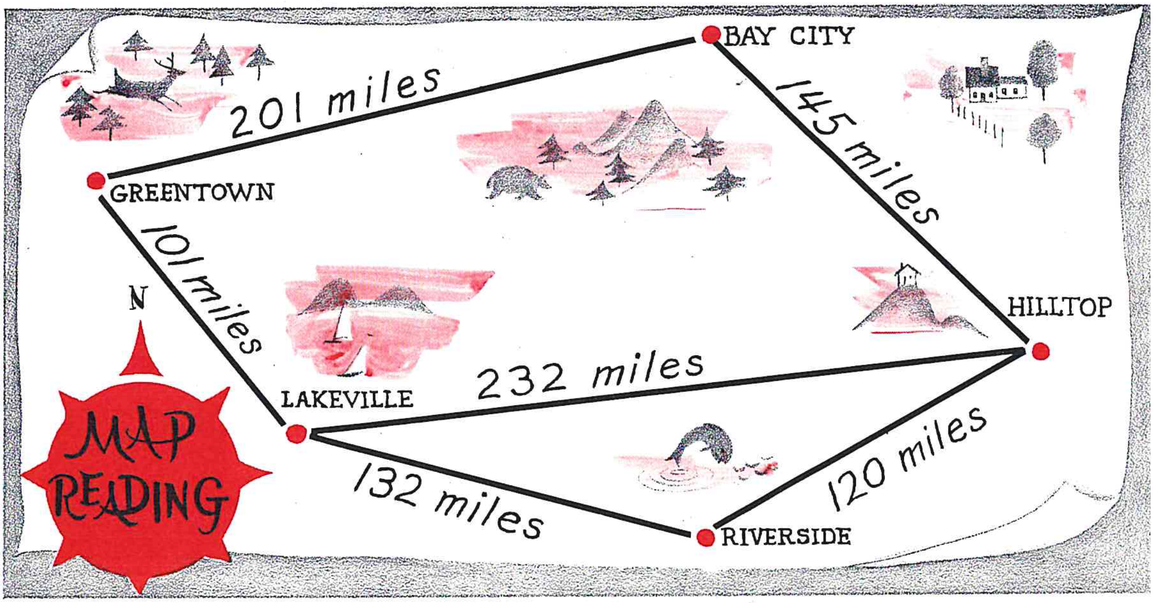
g. 285 ? 285 < 1

h. 9999 ? 99 < 10,000

i. 0 ? 528 > 0

j. 1675 ? 670 = 1005

k. 5321 ? 324 < 5000



How far for each trip?

1. Greentown to Bay City to Hilltop
2. Greentown to Lakeville and straight to Hilltop
3. Greentown to Lakeville to Riverside to Hilltop
4. Lakeville to Riverside to Hilltop
5. Bay City to Greentown to Lakeville
6. Lakeville to Riverside and back
7. Hilltop to Bay City to Greentown to Lakeville and straight to Hilltop

Solve.

	a	b	c	d
1.	35 21 + 32	234 121 + 302	6212 1503 + 2064	3121 1234 + 4232
2.	12 21 + 32	600 123 + 215	5102 1613 + 2081	6314 270 + 1103
3.	58 − 25	794 − 332	3684 − 1473	9256 − 5033
4.	79 − 56	483 − 142	6248 − 4003	8657 − 5214

Write > (greater than) or < (less than) for each ? .

1. Greater or less than 10?

$5 + 7 > 10$

a. $3 + 5$? 10

b. $6 + 8$? 10

c. $5 + 4$? 10

d. $7 + 9$? 10

e. $8 + 3$? 10

2. Greater or less than 20?

a. $17 + 9$? 20

b. $6 + 18$? 20

c. $15 + 4$? 20

d. $10 + 12$? 20

e. $5 + 17$? 20

f. $18 + 3$? 20

g. $13 + 5$? 20

h. $8 + 10$? 20

3. Greater or less than 70?

a. $26 + 48$? 70

b. $33 + 35$? 70

c. $57 + 19$? 70

d. $60 + 12$? 70

e. $48 + 23$? 70

f. $65 + 7$? 70

g. $25 + 44$? 70

h. $40 + 28$? 70

Write > or < for each ?.

a. 23 + 35 ? 60

b. 48 + 27 ? 70

c. 17 + 6 ? 20

d. 24 + 24 ? 50

e. 35 + 47 ? 80

f. 29 + 14 ? 40

g. 48 + 4 ? 50

h. 36 + 27 ? 60

i. 19 + 29 ? 40

j. 27 + 41 ? 70

k. 86 + 6 ? 90

l. 23 + 38 ? 60

m. 16 + 18 ? 40

n. 15 + 78 ? 90

o. 6 + 18 ? 20

p. 34 + 4 ? 40

q. 27 + 27 ? 50

r. 62 + 24 ? 90

s. 58 + 19 ? 70

t. 47 + 16 ? 60

u. 53 + 26 ? 80

v. 9 + 7 ? 20

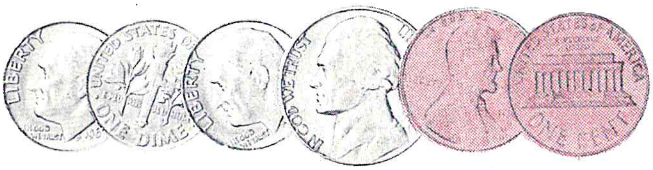
w. 13 + 18 ? 30

x. 45 + 36 ? 80

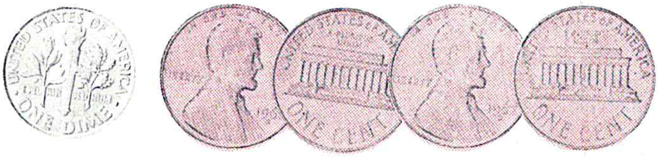
y. 28 + 58 ? 80

z. 7 + 44 ? 50

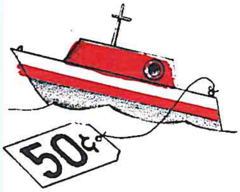
How much money in each collection? Write the amount for each __?__.
Is there enough in the two collections to buy the toy? Write "yes" or "no."



37¢

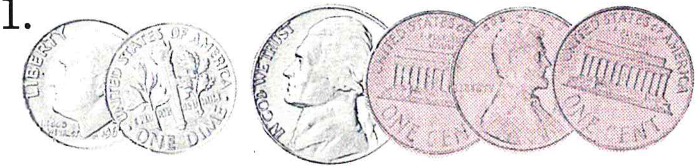


14¢

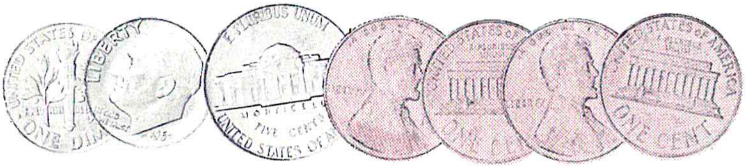


yes

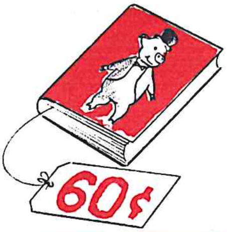
1.



a. ? ¢

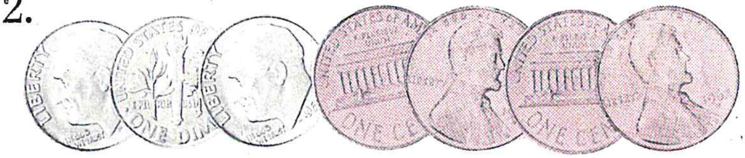


b. ? ¢

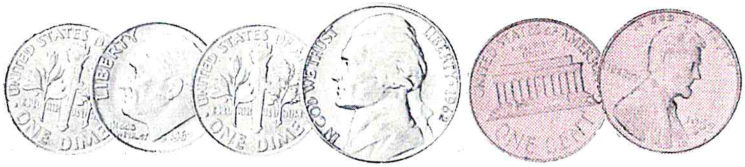


c. ?

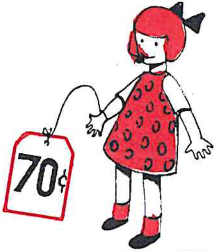
2.



a. ? ¢



b. ? ¢



c. ?

Solve the equations.

$8 + 7 = \boxed{15}$

$8 + 17 = \boxed{25}$

$8 + 27 = \boxed{35}$

a. $6 + 9 = \boxed{?}$

b. $16 + 9 = \boxed{?}$

c. $26 + 9 = \boxed{?}$

d. $7 + 7 = \boxed{?}$

e. $7 + 17 = \boxed{?}$

f. $7 + 27 = \boxed{?}$

g. $6 + 8 = \boxed{?}$

h. $16 + 8 = \boxed{?}$

i. $6 + 28 = \boxed{?}$

j. $9 + 4 = \boxed{?}$

k. $19 + 24 = \boxed{?}$

l. $39 + 24 = \boxed{?}$

m. $49 + 34 = \boxed{?}$

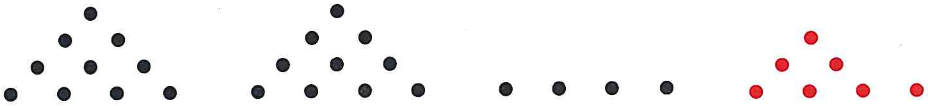
n. $5 + 7 = \boxed{?}$

o. $25 + 17 = \boxed{?}$

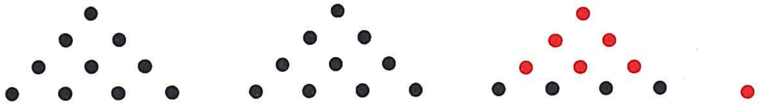
p. $45 + 27 = \boxed{?}$

q. $35 + 57 = \boxed{?}$

Study the example; then copy the problems and find the sums.



$$24 + 7 = 20 + (4 + 7)$$



$$20 + (4 + 7) = 20 + 11 = 31$$

$$\begin{array}{r} 24 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{lr} & 20 + 4 \\ + & 7 \\ \hline & 20 + 11 \end{array}$$

$$\begin{array}{r} 24 \\ +7 \\ \hline 11 \\ +20 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 38 \\ +4 \\ \hline \end{array}$$

a.

$$\begin{array}{lr} & 30 + 8 \\ + & 4 \\ \hline & ? \;+\; ? \end{array}$$

b.

$$\begin{array}{r} 38 \\ +4 \\ \hline ? \\ +\,? \\ \hline ? \end{array}$$

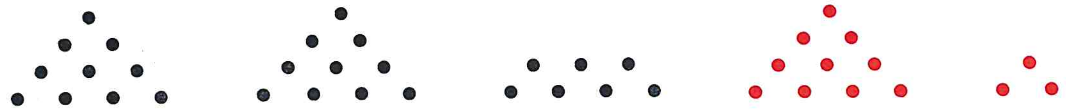
Find each sum as in the examples.

		a	b	c
64	7	84	8	9
+9	+38	+6	+32	+48
13	15	?	?	?
+60	+30	+ ?	+ ?	+ ?
73	45	?	?	?

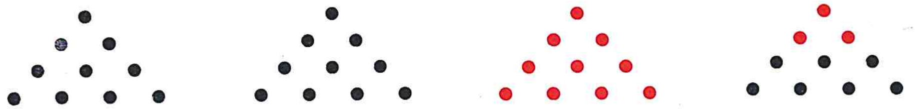
d	e	f	g	h
17	34	5	5	26
+7	+5	+67	+15	+6
?	?	?	?	?
+ ?	+ ?	+ ?	+ ?	+ ?
?	?	?	?	?

i	j	k	l	m
17	6	35	28	7
+8	+33	+9	+8	+16
?	?	?	?	?
+ ?	+ ?	+ ?	+ ?	+ ?
?	?	?	?	?

Study the examples; then copy the problems and find the sums.



$$27 + 13 = (20 + 7) + (10 + 3)$$



$$(20 + 7) + (10 + 3) = (20 + 10) + (7 + 3) = 30 + 10$$

$$\begin{array}{r} 27 \\ +13 \\ \hline \end{array}$$

$$\begin{array}{rcr} 20 & + & 7 \\ +(10 & + & 3) \\ \hline 30 & + & 10 \end{array}$$

$$\begin{array}{r} 27 \\ +13 \\ \hline 10 \\ +30 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 36 \\ +54 \\ \hline \end{array}$$

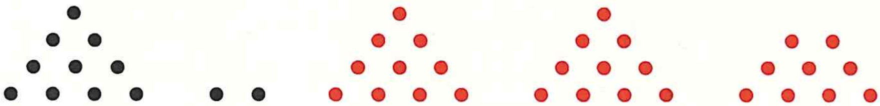
a.

$$\begin{array}{rcr} 30 & + & 6 \\ +(50 & + & 4) \\ \hline ? & + & ? \end{array}$$

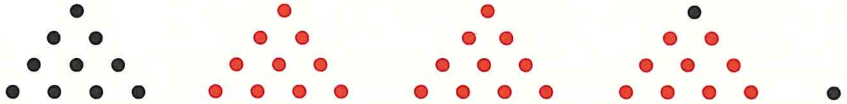
b.

$$\begin{array}{r} 36 \\ +54 \\ \hline ? \\ +? \\ \hline ? \end{array}$$

Study the examples; then copy the problems and find the sums.



$$12 + 29 = (10 + 2) + (20 + 9)$$



$$(10 + 2) + (20 + 9) = (10 + 20) + (2 + 9) = 30 + 11$$

$$\begin{array}{r} 12 \\ +29 \\ \hline \end{array}$$

$$\begin{array}{r} 10 + 2 \\ +(20 + 9) \\ \hline 30 + 11 \end{array}$$

$$\begin{array}{r} 12 \\ +29 \\ \hline 11 \\ +30 \\ \hline 41 \end{array}$$

$$\begin{array}{r} 48 \\ +26 \\ \hline \end{array}$$

a.

$$\begin{array}{r} 40 + 8 \\ +(20 + 6) \\ \hline ? + ? \end{array}$$

b.

$$\begin{array}{r} 48 \\ +26 \\ \hline ? \\ +? \\ \hline ? \end{array}$$

Find each sum as in the examples.

	a	b	c	d
35	28	31	24	59
+47	+53	+49	+17	+38
12	?	?	?	?
+70	+ ?	+ ?	+ ?	+ ?
82	?	?	?	?

e	f	g	h	i
27	76	47	36	36
+43	+17	+23	+35	+32
?	?	?	?	?
+ ?	+ ?	+ ?	+ ?	+ ?
?	?	?	?	?

j	k	l	m	n
63	46	29	75	29
+19	+24	+17	+15	+54
?	?	?	?	?
+ ?	+ ?	+ ?	+ ?	+ ?
?	?	?	?	?

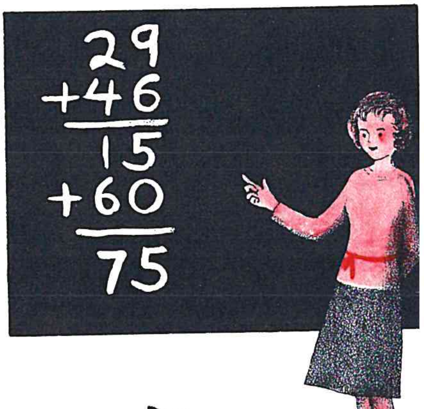
Find each sum as in the example.

	a	b	c	d
26	37	58	35	72
+26	+37	+38	+43	+9
12	?	?	?	?
+40	+?	+?	+?	+?
52	?	?	?	?

e	f	g	h	i
54	15	67	6	5
+16	+13	+25	+41	+35
?	?	?	?	?
+?	+?	+?	+?	+?
?	?	?	?	?

j	k	l	m	n
49	71	24	48	56
+49	+9	+26	+11	+28
?	?	?	?	?
+?	+?	+?	+?	+?
?	?	?	?	?

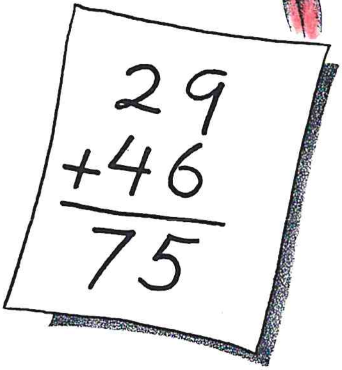
An Addition Helper



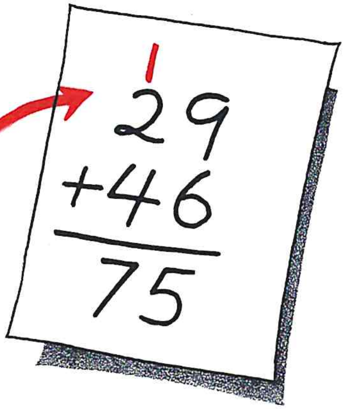
Mary's teacher asked her to add 29 and 46. Mary did it like this.

Then the teacher asked Mary if she could think of a short cut.

Mary thought a while and said, "Yes, I can add 9 and 6 to get 15, write down the 5, and remember the ten. Then I can add 2 tens and 4 tens to get 6 tens, plus one more ten, or 7 tens altogether."



She did it like this.



Mary explained her work to Dan. Dan said he might forget about the other ten. Mary told him to write down the other ten like this.

Dan thought that was a great idea, and he decided to do all his addition problems that way.

Find the sums.

1.	a	b	c	d	e
35	7	26	35	19	38
+47	+88	+46	+35	+47	+8
82					

2. a	b	c	d	e	f
49	27	15	36	46	53
+19	+34	+69	+52	+45	+18

3. a	b	c	d	e	f
49	6	40	51	67	48
+38	+49	+47	+19	+25	+27

4. a	b	c	d	e	f
36	28	36	43	75	19
+36	+29	+24	+37	+18	+16

5. a	b	c	d	e	f
23	79	45	8	35	47
+68	+6	+37	+47	+35	+47

Helping The Librarian

1. Ruth and Barbara helped Miss Ward count the books in a library bookcase. Ruth counted 46 books on the first three shelves, and Barbara counted 39 books on the other shelves. How many books were in the bookcase?

2. The next day, Miss Ward put 8 new books in the bookcase. How many books are in the bookcase now?

3. Some of the books needed new plastic covers. Ruth covered 17 books, and Barbara covered 24 books. How many books did the girls cover?

Find the sums.

	a	b	c	d	e	f
1.	23 +48	17 +37	39 +48	55 +28	44 +16	29 +69
2.	76 +5	6 +49	19 +22	57 +3	14 +85	49 +27
3.	18 +15	26 +37	63 +28	77 +7	4 +45	6 +66
4.	32 +28	81 +9	39 +46	66 +17	45 +35	18 +18
5.	23 +32	54 +4	75 +18	36 +48	58 +24	16 +4

Copy the puzzle. Fill in the correct numerals.

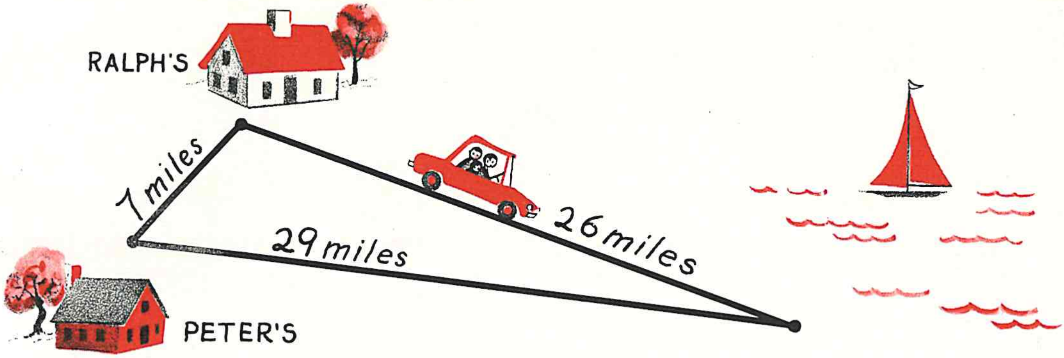
1 ?	2 ?	3 ?	▨	4 ?	5 ?	6 ?
7 ?	?	?	▨	8 ?	?	?
9 ?	?	▨	10 ?	?	?	?
▨	▨	11 ?	?	?	▨	▨
12 ?	13 ?	?	?	▨	14 ?	15 ?
16 ?	?	?	▨	17 ?	?	?
18 ?	?	?	▨	19 ?	?	?

Across

1. 300 + 60 + 6
4. 214 + 453
7. Six hundred two
8. 10 less than 690
9. 29 + 29
10. Four thousand ninety
11. 99 + 1
12. 301 + 3201
14. 7 + 7 + 7 + 7
16. Nine hundred ten
17. 33 + 443
18. 90 tens
19. 321 + 567

Down

1. Days in a year
2. 405 + 203
3. 18 + 44
4. 66 hundreds
5. 234 + 122 + 333
6. 200 + 500
10. 390, 394, 398, ____
11. Smallest 4-digit number
12. 400 − 1
13. 480, 490, 500, ____
14. 266, 270, 274, ____
15. 867 < ____ < 869
17. 50 − 2



A Trip to the Beach

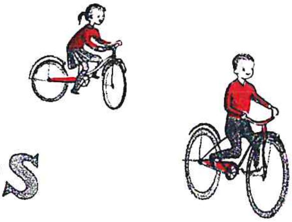
1. Peter's father took him to the beach. They drove to pick up Ralph and then to the beach. Study the map and then tell how far they drove to get to the beach.

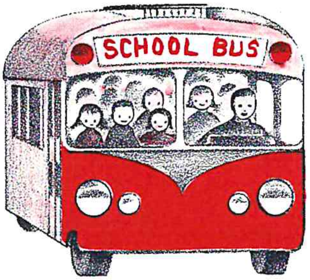
2. They drove home the same way. How far did they drive in all?

3. If they had not taken Ralph, the trip would have been 29 miles each way. How far would the trip have been in all?

4. The next day Ralph's father picked up Peter, ★ drove to the beach, and returned the same way. How far did Ralph's father drive that day?

The Riders





1. Joan and Mike counted the bicycles at school. Joan saw 28 girls' bicycles, and Mike saw 37 boys' bicycles. How many bicycles were at the school?

2. They also counted the children taking the school bus. Joan counted 16 girls on the bus. Mike counted 13 boys on the bus. How many children rode the bus?

★ 3. How many girls either rode a bike or took the bus to school?

4. How many boys either rode a bike or took the bus to school?

5. How many children either rode a bike or took the bus to school?

1.Find the sums.

	a	b	c	d	e
89	58	14	9	47	23
+5	+27	+27	+63	+47	+45
94					

f	g	h	i	j	k
26	35	68	43	39	50
+26	+45	+18	+37	+39	+30

---

2. Copy the problem, giving the correct numeral for each ?.

	a	b	c	d
5 3	? ?	? 6	2 ?	1 8
+ 2 8	+ 3 7	+ 4 ?	+ ? 5	+ ? 6
8 1	9 4	8 2	5 4	4 ?

e	f	g	h	i
4 ?	5 4	? 8	? ?	3 ?
+ 2 6	+ ? ?	+ 3 ?	+ 6 4	+ ? 8
? 3	7 9	6 5	8 2	7 7

Write > or < for each ?.

a. 237 − 34 ? 200
b. 162 − 60 ? 100
c. 935 − 36 ? 900
d. 642 − 40 ? 600
e. 800 − 201 ? 600
f. 500 − 199 ? 300
g. 438 − 29 ? 400
h. 714 − 220 ? 500

★

i. 400 − 199 ? 199
j. 200 − 98 ? 97
k. 4000 − 10 ? 3995
l. 10,000 − 5169 ? 5280

Write > or < for each ?.

1. Greater or less than 10?

17 - 5 > 10

a. 13 - 5 ? 10

b. 18 - 6 ? 10

c. 14 - 5 ? 10

d. 17 - 9 ? 10

e. 15 - 4 ? 10

2. Greater or less than 20?

a. 27 - 9 ? 20

b. 28 - 5 ? 20

c. 35 - 14 ? 20

d. 43 - 16 ? 20

e. 23 - 2 ? 20

f. 36 - 17 ? 20

g. 22 - 11 ? 20

h. 22 - 5 ? 20

3. Greater or less than 50?

a. 62 - 6 ? 50

b. 62 - 16 ? 50

c. 73 - 21 ? 50

d. 84 - 26 ? 50

e. 85 - 37 ? 50

f. 58 - 7 ? 50

g. 77 - 34 ? 50

h. 96 - 38 ? 50

Write > or < for each ?.

a. 95 − 30 ? 60

b. 95 − 33 ? 60

c. 95 − 36 ? 60

d. 27 − 9 ? 20

e. 27 − 5 ? 20

f. 43 − 15 ? 30

g. 86 − 44 ? 40

h. 58 − 29 ? 30

i. 51 − 20 ? 30

j. 64 − 35 ? 30

k. 81 − 60 ? 20

l. 48 − 40 ? 10

m. 75 − 56 ? 20

n. 96 − 8 ? 90

o. 74 − 3 ? 70

p. 64 − 21 ? 40

q. 36 − 30 ? 10

r. 36 − 20 ? 10

s. 47 − 25 ? 20

t. 76 − 27 ? 50

u. 14 − 6 ? 10

v. 14 − 2 ? 10

w. 44 − 32 ? 10

x. 83 − 25 ? 60

y. 85 − 23 ? 60

z. 60 − 49 ? 10

Solve the equations.

$15 - 7 = \boxed{8}$

$25 - 7 = \boxed{18}$

$35 - 7 = \boxed{28}$

a. $14 - 9 = \boxed{?}$

b. $24 - 9 = \boxed{?}$

c. $34 - 9 = \boxed{?}$

d. $12 - 6 = \boxed{?}$

e. $22 - 6 = \boxed{?}$

f. $32 - 6 = \boxed{?}$

g. $16 - 8 = \boxed{?}$

h. $26 - 18 = \boxed{?}$

i. $36 - 28 = \boxed{?}$

★ j. $11 - 4 = \boxed{?}$

k. $51 - 44 = \boxed{?}$

l. $61 - 34 = \boxed{?}$

m. $81 - 24 = \boxed{?}$

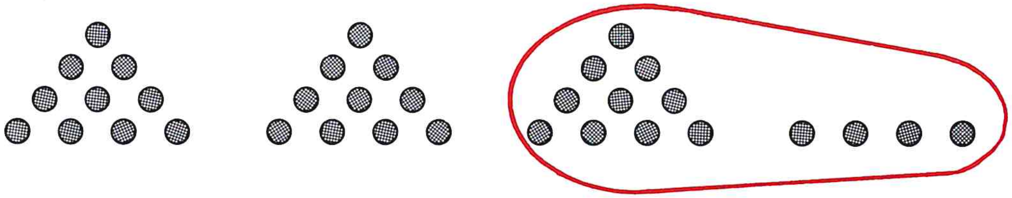
n. $13 - 5 = \boxed{?}$

o. $43 - 25 = \boxed{?}$

p. $63 - 45 = \boxed{?}$

q. $73 - 15 = \boxed{?}$

Study the example; then complete the equations.



30 + 4 = 20 + 14

a. 40 + 8 = 30 + ?

b. 50 + 3 = 40 + ?

c. 80 + 5 = 70 + ?

d. 20 + 6 = 10 + ?

e. 60 + 2 = 50 + ?

f. 90 + 1 = 80 + ?

g. 70 + 4 = 60 + ?

h. 30 + 7 = 20 + ?

i. 70 + 6 = ? + 16

j. 40 + 8 = ? + 18

k. 50 + 1 = ? + 11

l. 90 + 7 = ? + 17

m. 20 + 5 = ? + 15

n. 60 + 4 = ? + 14

o. 30 + 3 = ? + 13

p. 80 + 9 = ? + 19

Write the equations, giving the missing numbers.

$36 = \underline{30} + 6 = \underline{20} + 16$

a. $78 = \underline{?} + 8 = \underline{?} + 18$

b. $25 = 20 + \underline{?} = 10 + \underline{?}$

c. $83 = 80 + \underline{?} = 70 + \underline{?}$

d. $50 = \underline{?} + 0 = 40 + \underline{?}$

e. $42 = \underline{?} + 2 = \underline{?} + 12$

f. $64 = \underline{?} + 4 = 50 + \underline{?}$

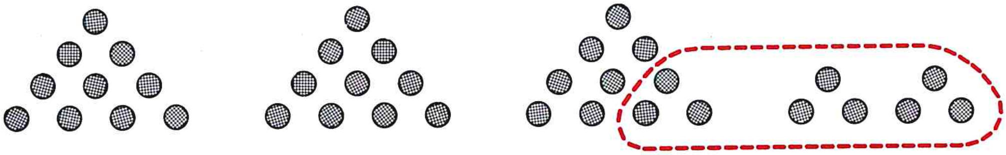
g. $31 = 30 + \underline{?} = \underline{?} + 11$

h. $55 = 50 + \underline{?} = \underline{?} + 15$

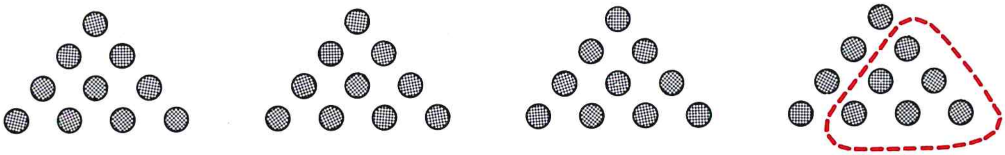
i. $86 = \underline{?} + 6 = 70 + \underline{?}$

j. $70 = 70 + \underline{?} = 60 + \underline{?}$

Study the examples; then copy the problems and find the differences.



$\begin{array}{r} 36 \\ -9 \\ \hline \end{array}$	$\begin{array}{rcr} 30 & + & 6 \\ - & & 9 \\ \hline \end{array}$	$\begin{array}{rcr} 20 & + & 16 \\ - & & 9 \\ \hline 20 & + & 7 \end{array}$	$\begin{array}{r} 36 \\ -9 \\ \hline 27 \end{array}$



$\begin{array}{r} 40 \\ -6 \\ \hline \end{array}$	$\begin{array}{rcr} 40 & + & 0 \\ - & & 6 \\ \hline \end{array}$	$\begin{array}{rcr} 30 & + & 10 \\ - & & 6 \\ \hline 30 & + & 4 \end{array}$	$\begin{array}{r} 40 \\ -6 \\ \hline 34 \end{array}$

$\begin{array}{r} 52 \\ -7 \\ \hline \end{array}$	$\begin{array}{rcr} 50 & + & 2 \\ - & & 7 \\ \hline \end{array}$	a. $\begin{array}{rcr} 40 & + & 12 \\ - & & 7 \\ \hline ? & + & ? \end{array}$	b. $\begin{array}{r} 52 \\ -7 \\ \hline ? \end{array}$

Find the differences.

$\begin{array}{r} 60 \\ -7 \\ \hline \end{array}$	$\begin{array}{lr} & 60 + 0 \\ - & 7 \\ \hline \end{array}$	$\begin{array}{lr} & 50 + 10 \\ - & 7 \\ \hline & 50 + 3 \end{array}$	$\begin{array}{r} 60 \\ -7 \\ \hline 53 \end{array}$
1. $\begin{array}{r} 84 \\ -9 \\ \hline \end{array}$	$\begin{array}{lr} & 80 + 4 \\ - & 9 \\ \hline \end{array}$	a. $\begin{array}{lr} & 70 + 14 \\ - & 9 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 84 \\ -9 \\ \hline ? \end{array}$
2. $\begin{array}{r} 43 \\ -5 \\ \hline \end{array}$	$\begin{array}{lr} & 40 + 3 \\ - & 5 \\ \hline \end{array}$	a. $\begin{array}{lr} & 30 + 13 \\ - & 5 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 43 \\ -5 \\ \hline ? \end{array}$
3. $\begin{array}{r} 20 \\ -4 \\ \hline \end{array}$	$\begin{array}{lr} & 20 + 0 \\ - & 4 \\ \hline \end{array}$	a. $\begin{array}{lr} & 10 + 10 \\ - & 4 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 20 \\ -4 \\ \hline ? \end{array}$
4. $\begin{array}{r} 52 \\ -6 \\ \hline \end{array}$	$\begin{array}{lr} & 50 + 2 \\ - & 6 \\ \hline \end{array}$	a. $\begin{array}{lr} & 40 + 12 \\ - & 6 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 52 \\ -6 \\ \hline ? \end{array}$

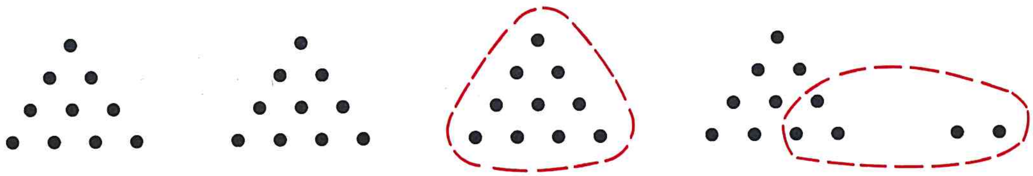
Find the differences.

$\begin{array}{r} 27 \\ -8 \\ \hline \end{array}$	$\begin{array}{lr} & 20 + 7 \\ - & 8 \\ \hline \end{array}$	$\begin{array}{lr} & 10 + 17 \\ - & 8 \\ \hline & 10 + 9 \end{array}$	$\begin{array}{r} 27 \\ -8 \\ \hline 19 \end{array}$
1. $\begin{array}{r} 42 \\ -7 \\ \hline \end{array}$	$\begin{array}{lr} & 40 + 2 \\ - & 7 \\ \hline \end{array}$	a. $\begin{array}{lr} & 30 + 12 \\ - & 7 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 42 \\ -7 \\ \hline ? \end{array}$
2. $\begin{array}{r} 30 \\ -8 \\ \hline \end{array}$	$\begin{array}{lr} & 30 + 0 \\ - & 8 \\ \hline \end{array}$	a. $\begin{array}{lr} & 20 + 10 \\ - & 8 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 30 \\ -8 \\ \hline ? \end{array}$
3. $\begin{array}{r} 64 \\ -8 \\ \hline \end{array}$	$\begin{array}{lr} & 60 + 4 \\ - & 8 \\ \hline \end{array}$	a. $\begin{array}{lr} & 50 + 14 \\ - & 8 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 64 \\ -8 \\ \hline ? \end{array}$
4. $\begin{array}{r} 71 \\ -2 \\ \hline \end{array}$	$\begin{array}{lr} & 70 + 1 \\ - & 2 \\ \hline \end{array}$	a. $\begin{array}{lr} & 60 + 11 \\ - & 2 \\ \hline & ? + ? \end{array}$	b. $\begin{array}{r} 71 \\ -2 \\ \hline ? \end{array}$

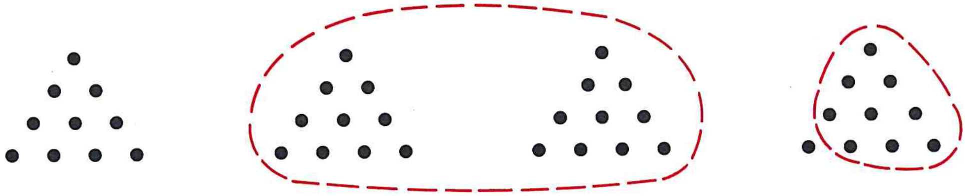
Solve.

$\begin{array}{r}25\\+9\\\hline 34\end{array}$	$\begin{array}{r}34\\-9\\\hline 25\end{array}$	a $\begin{array}{r}63\\+8\\\hline\end{array}$	b $\begin{array}{r}71\\-8\\\hline\end{array}$	c $\begin{array}{r}47\\+7\\\hline\end{array}$	d $\begin{array}{r}54\\-7\\\hline\end{array}$
e $\begin{array}{r}36\\+6\\\hline\end{array}$	f $\begin{array}{r}42\\-6\\\hline\end{array}$	g $\begin{array}{r}12\\+9\\\hline\end{array}$	h $\begin{array}{r}21\\-9\\\hline\end{array}$	i $\begin{array}{r}79\\+3\\\hline\end{array}$	j $\begin{array}{r}82\\-3\\\hline\end{array}$
k $\begin{array}{r}58\\+5\\\hline\end{array}$	l $\begin{array}{r}63\\-5\\\hline\end{array}$	m $\begin{array}{r}82\\+6\\\hline\end{array}$	n $\begin{array}{r}88\\-6\\\hline\end{array}$	o $\begin{array}{r}65\\+7\\\hline\end{array}$	p $\begin{array}{r}72\\-7\\\hline\end{array}$
q $\begin{array}{r}46\\+4\\\hline\end{array}$	r $\begin{array}{r}50\\-4\\\hline\end{array}$	s $\begin{array}{r}17\\+9\\\hline\end{array}$	t $\begin{array}{r}26\\-9\\\hline\end{array}$	u $\begin{array}{r}83\\+8\\\hline\end{array}$	v $\begin{array}{r}91\\-8\\\hline\end{array}$

Study the examples; then copy the problems and find the differences.



$\begin{array}{r} 42 \\ -15 \\ \hline \end{array}$	$\begin{array}{r} 40 + 2 \\ -(10 + 5) \\ \hline \end{array}$	$\begin{array}{r} 30 + 12 \\ -(10 + 5) \\ \hline 20 + 7 \end{array}$	$\begin{array}{r} 42 \\ -15 \\ \hline 27 \end{array}$



$\begin{array}{r} 40 \\ -29 \\ \hline \end{array}$	$\begin{array}{r} 40 + 0 \\ -(20 + 9) \\ \hline \end{array}$	$\begin{array}{r} 30 + 10 \\ -(20 + 9) \\ \hline 10 + 1 \end{array}$	$\begin{array}{r} 40 \\ -29 \\ \hline 11 \end{array}$
$\begin{array}{r} 56 \\ -27 \\ \hline \end{array}$	$\begin{array}{r} 50 + 6 \\ -(20 + 7) \\ \hline \end{array}$	a. $\begin{array}{r} 40 + 16 \\ -(20 + 7) \\ \hline ? + ? \end{array}$	b. $\begin{array}{r} 56 \\ -27 \\ \hline ? \end{array}$

Find the differences.

$\begin{array}{r}60\\-23\\\hline\end{array}$	$\begin{array}{r}60+0\\-(20+3)\\\hline\end{array}$	$\begin{array}{r}50+10\\-(20+\ \ 3)\\\hline 30+\ \ 7\end{array}$	$\begin{array}{r}60\\-23\\\hline 37\end{array}$
1. $\begin{array}{r}74\\-36\\\hline\end{array}$	$\begin{array}{r}70+4\\-(30+6)\\\hline\end{array}$	a. $\begin{array}{r}60+14\\-(30+\ \ 6)\\\hline ?\ +\ ?\end{array}$	b. $\begin{array}{r}74\\-36\\\hline ?\end{array}$
2. $\begin{array}{r}92\\-17\\\hline\end{array}$	$\begin{array}{r}90+2\\-(10+7)\\\hline\end{array}$	a. $\begin{array}{r}80+12\\-(10+\ \ 7)\\\hline ?\ +\ ?\end{array}$	b. $\begin{array}{r}92\\-17\\\hline ?\end{array}$
3. $\begin{array}{r}53\\-25\\\hline\end{array}$	$\begin{array}{r}50+3\\-(20+5)\\\hline\end{array}$	a. $\begin{array}{r}40+13\\-(20+\ \ 5)\\\hline ?\ +\ ?\end{array}$	b. $\begin{array}{r}53\\-25\\\hline ?\end{array}$
4. $\begin{array}{r}48\\-39\\\hline\end{array}$	$\begin{array}{r}40+8\\-(30+9)\\\hline\end{array}$	a. $\begin{array}{r}30+18\\-(30+\ \ 9)\\\hline ?\ +\ ?\end{array}$	b. $\begin{array}{r}48\\-39\\\hline ?\end{array}$

Find the differences.

65 −47	60 + 5 −(40 + 7)	50 + 15 −(40 + 7) 10 + 8	65 −47 18
1. 92 −57	90 + 2 −(50 + 7)	a. 80 + 12 −(50 + 7) ? + ?	b. 92 −57 ?
2. 81 −22	80 + 1 −(20 + 2)	a. 70 + 11 −(20 + 2) ? + ?	b. 81 −22 ?
3. 47 −29	40 + 7 −(20 + 9)	a. 30 + 17 −(20 + 9) ? + ?	b. 47 −29 ?
4. 53 −16	50 + 3 −(10 + 6)	a. 40 + 13 −(10 + 6) ? + ?	b. 53 −16 ?

Solve.

	a	b	c	d	e	f
1.	28 +17	45 −17	63 +28	91 −28	16 +46	62 −46
2.	32 +54	86 −54	75 +15	90 −15	57 +39	96 −39
3.	62 +6	68 −6	46 +30	76 −30	70 +11	81 −11
4.	35 +58	93 −58	36 +7	43 −7	41 +19	60 −19

A Subtraction Helper

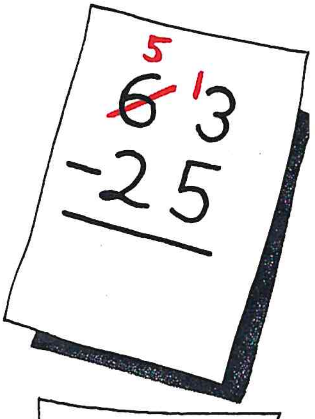
Carol asked Paul to help her with this subtraction problem.

Paul said, "Can you take 5 from 3?" Carol shook her head.

"Well," said Paul, "suppose we take one of the 6 tens and put it with the 3 ones."

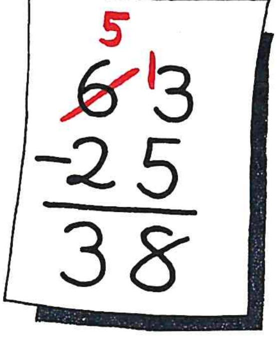
"Oh," said Carol, "if I add 10 to 3, then I can subtract 5."

"That's right, but you must remember the 6 tens are now changed to 5 tens," Paul warned. "I do it like this," he said. Paul wrote down 5 in place of 6 and put a 1 in front of the 3.



He explained, "Since I can't subtract 5 from 3, I think of 63 as 50 + 13. I do this by marking out 6 and writing 5 in the tens place and writing a small 1 in front of 3 to mean 13."

Then Paul let Carol finish the work. It looked like this.



Find the differences.

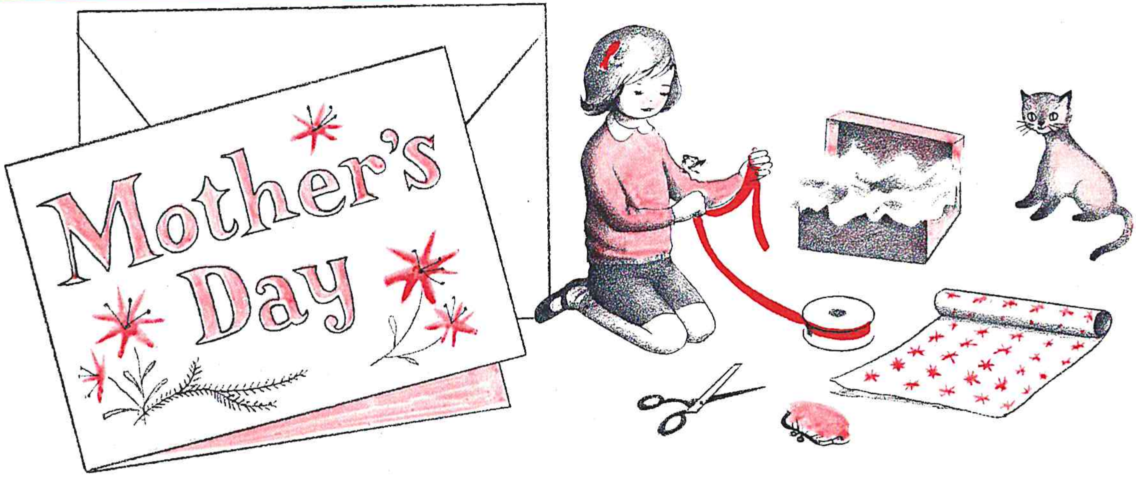
1. $$\begin{array}{r} \\ 67 \\ -28 \\ \hline 39 \end{array} \qquad \begin{array}{r} \text{a} \\ 43 \\ -37 \\ \hline \end{array} \qquad \begin{array}{r} \text{b} \\ 50 \\ -16 \\ \hline \end{array} \qquad \begin{array}{r} \text{c} \\ 26 \\ -14 \\ \hline \end{array} \qquad \begin{array}{r} \text{d} \\ 74 \\ -37 \\ \hline \end{array} \qquad \begin{array}{r} \text{e} \\ 88 \\ -29 \\ \hline \end{array}$$

2. $$\begin{array}{r} \text{a} \\ 93 \\ -74 \\ \hline \end{array} \qquad \begin{array}{r} \text{b} \\ 56 \\ -28 \\ \hline \end{array} \qquad \begin{array}{r} \text{c} \\ 83 \\ -58 \\ \hline \end{array} \qquad \begin{array}{r} \text{d} \\ 71 \\ -34 \\ \hline \end{array} \qquad \begin{array}{r} \text{e} \\ 61 \\ -45 \\ \hline \end{array} \qquad \begin{array}{r} \text{f} \\ 70 \\ -25 \\ \hline \end{array}$$

3. $$\begin{array}{r} \text{a} \\ 63 \\ -27 \\ \hline \end{array} \qquad \begin{array}{r} \text{b} \\ 54 \\ -18 \\ \hline \end{array} \qquad \begin{array}{r} \text{c} \\ 76 \\ -24 \\ \hline \end{array} \qquad \begin{array}{r} \text{d} \\ 85 \\ -39 \\ \hline \end{array} \qquad \begin{array}{r} \text{e} \\ 77 \\ -27 \\ \hline \end{array} \qquad \begin{array}{r} \text{f} \\ 42 \\ -29 \\ \hline \end{array}$$

4. $$\begin{array}{r} \text{a} \\ 92 \\ -46 \\ \hline \end{array} \qquad \begin{array}{r} \text{b} \\ 27 \\ -19 \\ \hline \end{array} \qquad \begin{array}{r} \text{c} \\ 57 \\ -13 \\ \hline \end{array} \qquad \begin{array}{r} \text{d} \\ 45 \\ -28 \\ \hline \end{array} \qquad \begin{array}{r} \text{e} \\ 82 \\ -47 \\ \hline \end{array} \qquad \begin{array}{r} \text{f} \\ 36 \\ -36 \\ \hline \end{array}$$

. $$\begin{array}{r} \text{a} \\ 64 \\ -48 \\ \hline \end{array} \qquad \begin{array}{r} \text{b} \\ 75 \\ -20 \\ \hline \end{array} \qquad \begin{array}{r} \text{c} \\ 41 \\ -17 \\ \hline \end{array} \qquad \begin{array}{r} \text{d} \\ 80 \\ -33 \\ \hline \end{array} \qquad \begin{array}{r} \text{e} \\ 53 \\ -29 \\ \hline \end{array} \qquad \begin{array}{r} \text{f} \\ 29 \\ -7 \\ \hline \end{array}$$



1. Betsy went to the store to buy some ribbon and paper in order to wrap her mother's gift. The ribbon cost 19 cents, and the paper cost 20 cents. How much did she spend?

2. Betsy went to the store with 71 cents. How much did she have left?

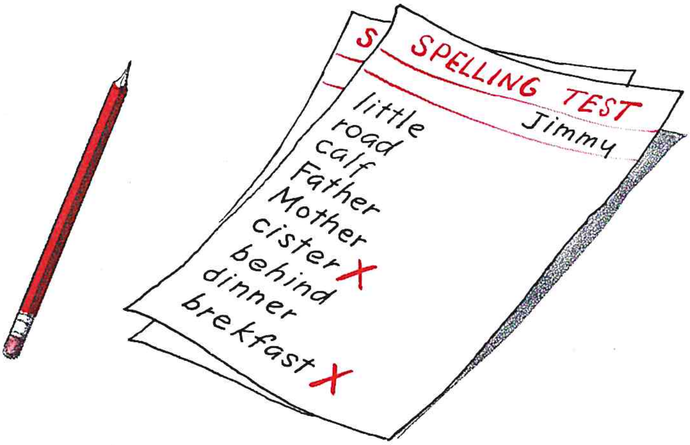
3. If Betsy used 17 inches of ribbon to wrap the gift, how much is left on the 36-inch roll?

4. Betsy also decided to buy her mother a card. It cost 15 cents. How much money did she have when she arrived back home?

Find the differences.

	a	b	c	d	e	f
1.	$\begin{array}{r}95\\-39\\\hline\end{array}$	$\begin{array}{r}43\\-29\\\hline\end{array}$	$\begin{array}{r}71\\-36\\\hline\end{array}$	$\begin{array}{r}68\\-42\\\hline\end{array}$	$\begin{array}{r}30\\-16\\\hline\end{array}$	$\begin{array}{r}52\\-48\\\hline\end{array}$
2.	$\begin{array}{r}52\\-38\\\hline\end{array}$	$\begin{array}{r}84\\-56\\\hline\end{array}$	$\begin{array}{r}69\\-61\\\hline\end{array}$	$\begin{array}{r}76\\-67\\\hline\end{array}$	$\begin{array}{r}44\\-17\\\hline\end{array}$	$\begin{array}{r}77\\-77\\\hline\end{array}$
3.	$\begin{array}{r}91\\-12\\\hline\end{array}$	$\begin{array}{r}20\\-11\\\hline\end{array}$	$\begin{array}{r}83\\-38\\\hline\end{array}$	$\begin{array}{r}57\\-18\\\hline\end{array}$	$\begin{array}{r}71\\-13\\\hline\end{array}$	$\begin{array}{r}60\\-32\\\hline\end{array}$
4.	$\begin{array}{r}56\\-56\\\hline\end{array}$	$\begin{array}{r}83\\-14\\\hline\end{array}$	$\begin{array}{r}75\\-48\\\hline\end{array}$	$\begin{array}{r}36\\-16\\\hline\end{array}$	$\begin{array}{r}24\\-8\\\hline\end{array}$	$\begin{array}{r}83\\-25\\\hline\end{array}$
5.	$\begin{array}{r}63\\-25\\\hline\end{array}$	$\begin{array}{r}54\\-22\\\hline\end{array}$	$\begin{array}{r}97\\-49\\\hline\end{array}$	$\begin{array}{r}80\\-45\\\hline\end{array}$	$\begin{array}{r}88\\-25\\\hline\end{array}$	$\begin{array}{r}71\\-59\\\hline\end{array}$

Test Scores



1. On a spelling test, Jimmy missed 8 of the 25 words. How many words did he get right?

2. Out of 30 subtraction problems, Nancy got 16 right. How many problems did she miss?

3. On a speed-reading test, Polly read all but 8 pages of a story that is 32 pages long. How many pages did she read?

4. Don's teacher gave him a list of 35 words. Don knew the meaning of 29 of the words. How many words did he not know?

Find the differences.

1.

a	b	c	d	e	f
63	22	78	51	45	29
-8	-16	-33	-17	-29	-18

2.

a	b	c	d	e	f
57	70	85	66	94	56
-52	-24	-46	-38	-9	-38

3.

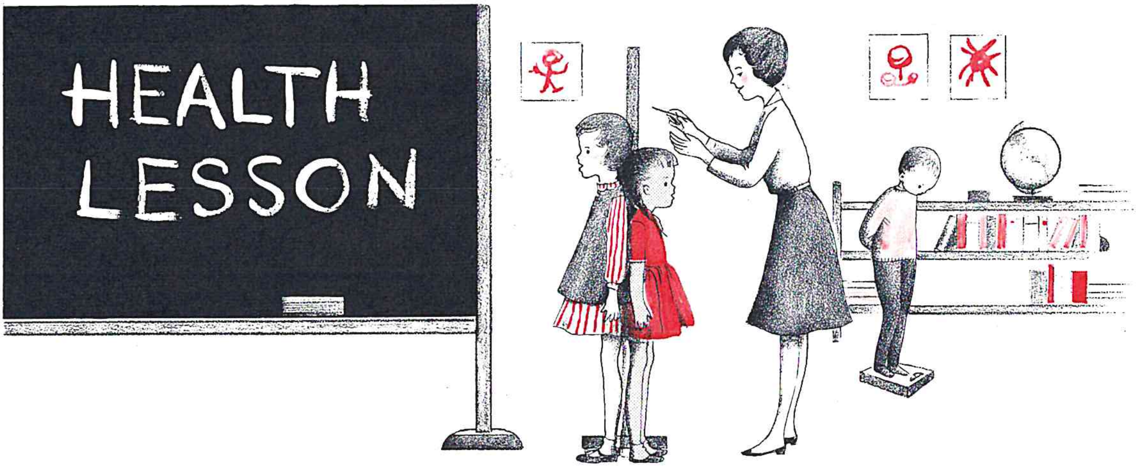
a	b	c	d	e	f
89	91	25	58	40	91
-53	-55	-17	-29	-12	-6

4.

a	b	c	d	e	f
64	73	92	66	81	58
-35	-58	-29	-33	-9	-49

5.

a	b	c	d	e	f
73	57	63	87	87	20
-34	-49	-21	-4	-83	-6



1. During health lesson, the children measured their height. Julie was 53 inches tall, and Alice was 48 inches tall. How much taller was Julie than Alice?

2. They weighed themselves. Sam weighed 82 pounds, and Rex weighed 64 pounds. How much heavier was Sam than Rex?

3. The children counted their teeth. Jill counted 12 upper teeth and 12 lower teeth. How many teeth does she have in all?

4. Jill will have 8 more teeth by the time she is an adult. How many teeth will she have then?

1. Find the differences.

$$\begin{array}{rrrrrr}
 & a & b & c & d & e \\
65 & 93 & 45 & 50 & 87 & 79 \\
-49 & -36 & -21 & -32 & -48 & -30 \\
\hline
16 & & & & &
\end{array}$$

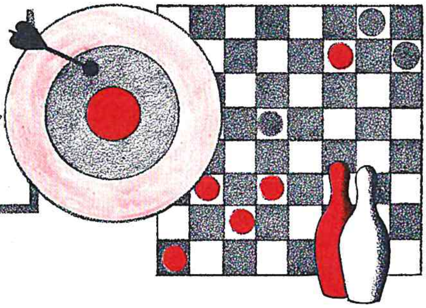
$$\begin{array}{rrrrrr}
f & g & h & i & j & k \\
56 & 61 & 72 & 60 & 42 & 24 \\
-27 & -34 & -35 & -25 & -18 & -16 \\
\hline
\end{array}$$

2. Copy the problem, giving the correct numeral for each ? .

$$\begin{array}{rrrrr}
 & a & b & c & d \\
8\,4 & ?\,? & ?\,5 & 8\,? & 6\,7 \\
-4\,5 & -1\,8 & -2\,? & -?\,4 & -?\,3 \\
\hline
3\,9 & 2\,4 & 4\,9 & 6\,7 & 3\,?
\end{array}$$

$$\begin{array}{rrrrr}
e & f & g & h & i \\
7\,? & 9\,3 & ?\,0 & 6\,1 & ?\,6 \\
-4\,7 & -?\,? & -2\,? & -2\,? & -3\,0 \\
\hline
?\,5 & 5\,8 & 4\,4 & ?\,6 & 2\,?
\end{array}$$

Games on a Rainy Day



1. Bruce and Marcia were playing darts. The first to score 50 points wins. Bruce had 27 points and Marcia had 34.
   a. How many points ahead was Marcia?
   b. How many more points did she need to win?
   c. How many points did Bruce need to win?

2. In a miniature bowling game, Ned scored 95 and Carl scored 87. How many more points did Ned score than Carl?

3. Jean and Richard played checkers. Jean won 16 games. Richard won 23 games. There were 7 ties.
   a. How many games did they play?
   b. How many more games did Richard win than Jean?

Solve.

	a	b	c	d	e	f
1.	25 +46	83 −17	37 +48	58 +28	74 −26	85 −47
2.	96 −76	45 +35	85 −29	62 −6	37 +33	40 +36
3.	45 +37	82 −55	67 −29	65 +26	38 +25	74 −31
4.	70 −54	61 −27	42 +48	32 +59	93 −36	37 +27
5.	49 +19	87 −25	7 +74	56 −19	83 −30	21 +69

The School Band

1. Mr. Reed wants 36 members in the school band. So far he has players for 18 horns, 8 drums, 2 cymbals, and 1 triangle.

   a. How many players does he have?
   b. How many more players does he need?

2. Mr. Reed wants the band to have 22 horns. How many new horn players does he need?

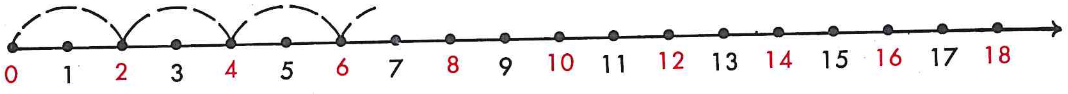
★3. The other new members of the band are to play drums. How many drummers are to be in the band in all?

4. The band practiced 34 minutes a day. It practiced 16 minutes in the morning. How long did the band practice each afternoon?

Solve.

	a	b	c	d	e	f
1.	47 − 19	34 + 58	23 − 5	66 − 17	66 + 17	5 + 48
2.	19 + 18	53 − 5	72 + 19	84 − 26	75 − 24	43 + 28
3.	94 − 77	40 + 38	70 − 52	27 + 43	45 + 47	63 − 27
4.	27 + 47	56 − 16	38 − 9	46 + 46	29 + 28	87 − 29
5.	35 + 35	80 − 47	48 + 19	51 + 29	63 − 58	86 − 48

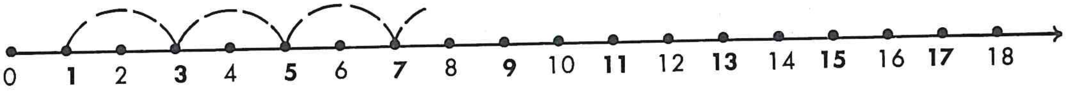
Think about how the jumps would be completed.
Copy and complete the tables.



a.

0	2	4	6	8	?	?	?	?	?

These numbers are called **even** numbers.



b.

1	3	5	7	9	?	?	?	?	?

These numbers are called **odd** numbers.

c.

0	1	2	3	4	?	?	?	?	?
0	1	2	3	4	?	?	?	?	?

0	2	4	6	8	?	?	?	?	?

The even numbers can be found by addition.

1. Copy and complete the tables. Put a ring around each odd number.

0	①	2	③	4	5			
⑨	10							

2. Copy and complete the table, follow the arrows.

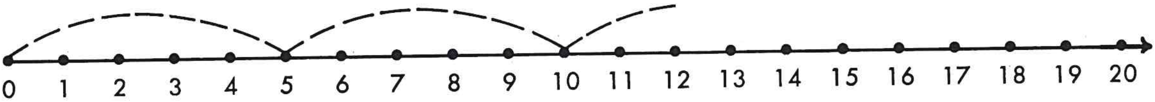
0	2	4						
↓ ↗	↓ ↗	↓ ↗	↓					
1	3							

3. Copy the tables and complete the skip counting.

a.	60	62	64	?	?	?	?	?	?

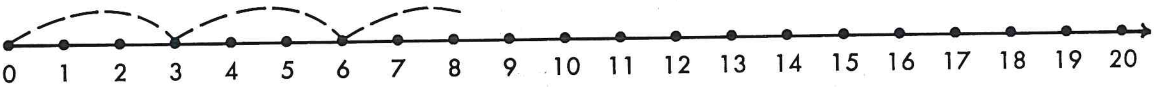
b.	91	93	95	?	?	?	?	?	?

Study the number lines; then copy the tables, completing the skip counting.



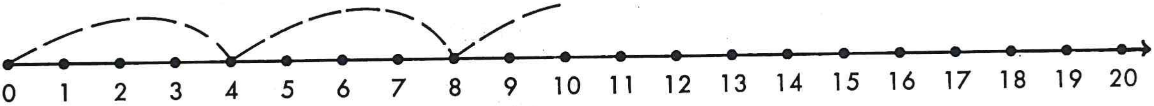
a.

0	5	10	15	?	?	?	?	?	?



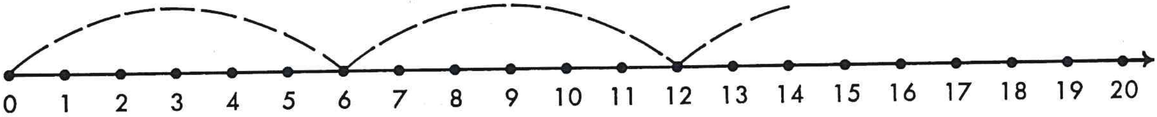
b.

0	3	6	9	?	?	?	?	?	?



c.

0	4	8	12	?	?	?	?	?	?

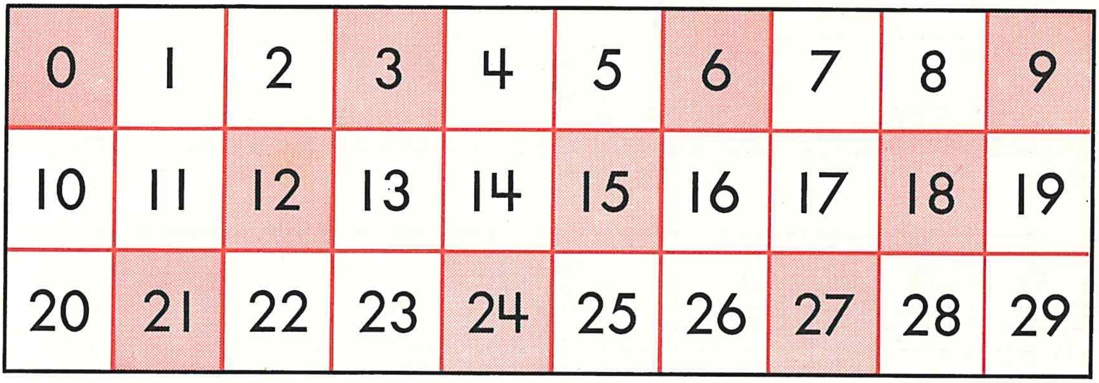


d.

0	6	12	18	?	?	?	?	?	?

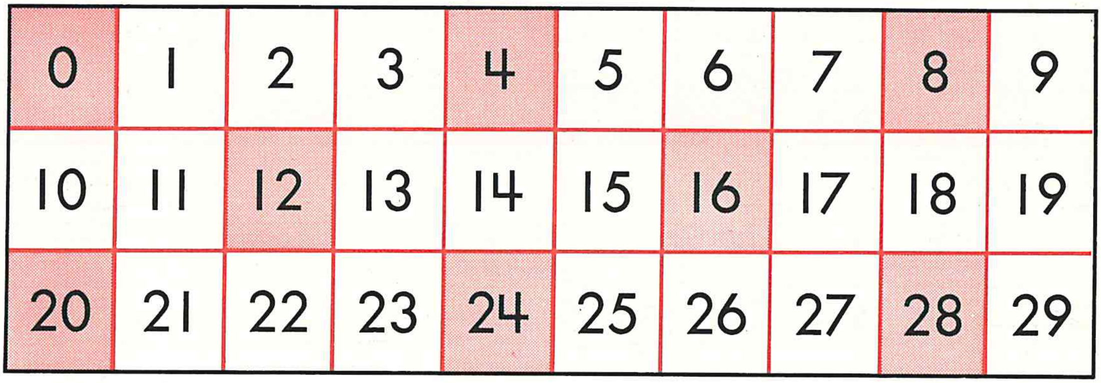
Copy the numerals in the colored boxes.

a.



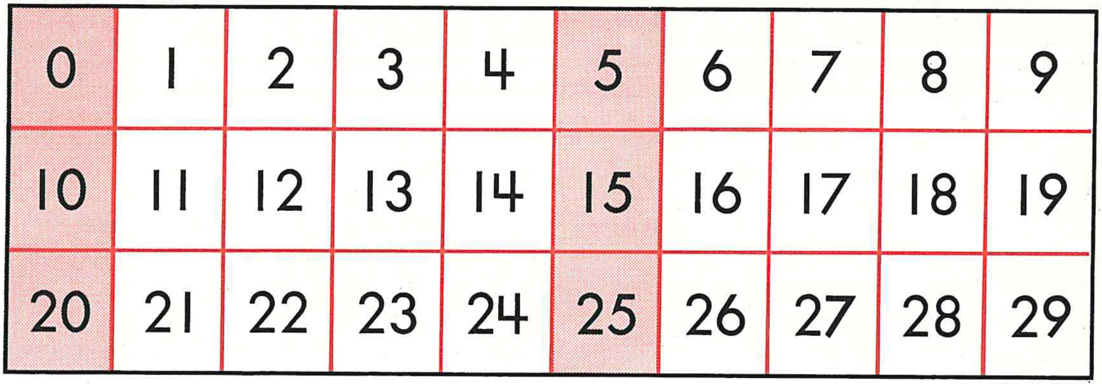
0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29

b.



0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29

c.



0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29

Copy the tables and complete the skip counting.

a.

74	76	78	?	?	?

b.

51	53	55	?	?	?

c.

60	63	66	?	?	?

d.

40	44	48	?	?	?

e.

50	55	60	?	?	?

f.

992	994	996	?	?	?

1. Give the next larger number.

a. 4 ?   b. 5 ?   c. 8 ?   d. 24 ?

e. 35 ?   f. 19 ?   g. 162 ?   h. 347 ?

2. Give the next smaller odd number.

a. ? 3   b. ? 8   c. ? 18   d. ? 35

e. ? 70   f. ? 153   g. ? 527   h. ? 1481

3. Give the next smaller even number.

a. ? 2   b. ? 11   c. ? 47   d. ? 54

e. ? 426   f. ? 8965   g. ? 6240

. Give the next larger odd number.

a. 5 ?   b. 8 ?   c. 86 ?   d. 99 ?

e. 357 ?   f. 1527 ?   g. 8434 ?

Give the missing digit or word.

When writing numerals, we use the
digits 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9.

In 258, 8 is the ones digit,
5 is the tens digit, and
2 is the hundreds digit.

a. In 413, ? is the ones digit,
b. ? is the tens digit, and
c. ? is the hundreds digit.

d. In 72, ? is the ones digit and
e. ? is the tens digit.

f. If a number is even, the ones digit is
?, ?, ?, ?, or ?.

g. If a number is odd, the ones digit is
?, ?, ?, ?, or ?.

h. 83 is an ? number.

i. 78 is an ? number

1. Copy and complete the addition table.

+	0	2	4	6	8	54
0	0					
2						
4				10		
6						
8						
32						

2. Give the missing digits or words.

a. The ones digit of an even number is ___?___, ___?___, ___?___, ___?___, or ___?___.

b. The numbers 0, 2, 4, 6, 8, 32, and 56 are ___?___ numbers.

c. The sum of two even numbers is an ___?___ number.

1. Copy and complete the addition table.

+	1	3	5	7	9	45
1						
3			8			
5						
7					16	
9						
31						

2. Give the missing digits or words.

   a. The ones digit of an odd number is ?, ?, ?, ?, or ?.

   b. The numbers 1, 3, 5, 7, 9, 31, and 45 are ? numbers.

   c. The sum of two odd numbers is an ? number.

1. Copy and complete the addition table.

+	0	2	4	6	8	36
1						
3			7			
5						
7					15	
9						
47						

2. Answer **odd** or **even.**

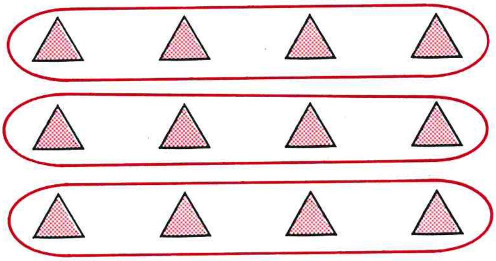
a. The numbers 1, 3, 5, 7, 9, and 47 are __?__ numbers.

b. The numbers 0, 2, 4, 6, 8, and 34 are __?__ numbers.

c. The sum of an odd number and an even number is an __?__ number.

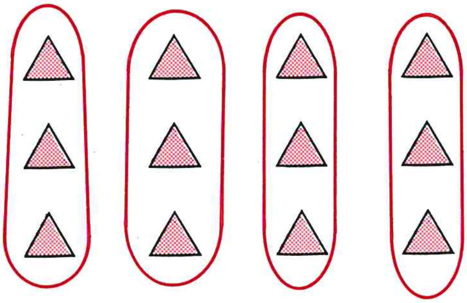
Study the sets; then answer the question.

3 sets of 4



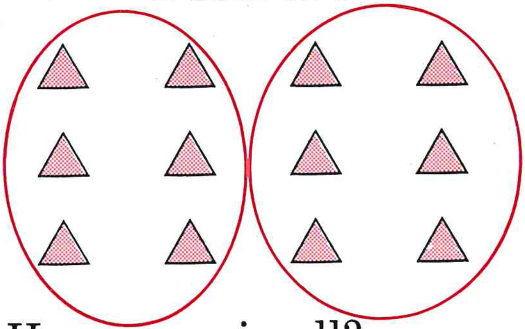
a. How many in all?

4 sets of 3



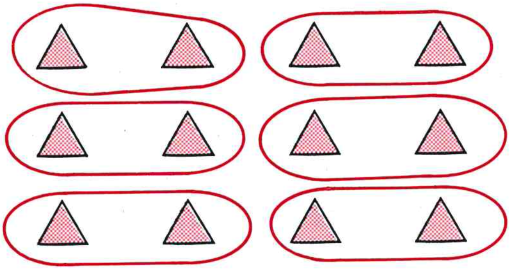
b. How many in all?

2 sets of 6



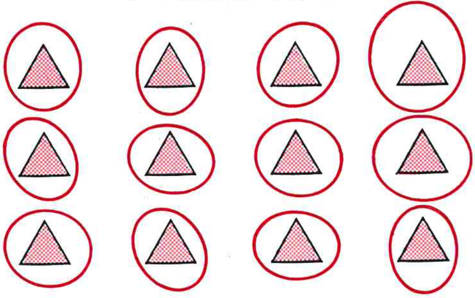
c. How many in all?

6 sets of 2



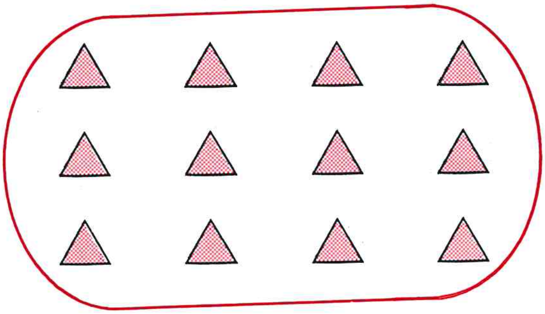
d. How many in all?

12 sets of 1



e. How many in all?

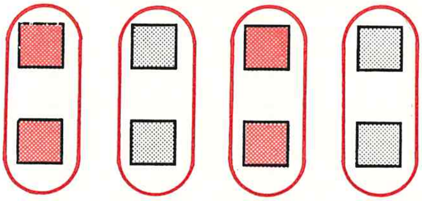
1 set of 12



f. How many in all?

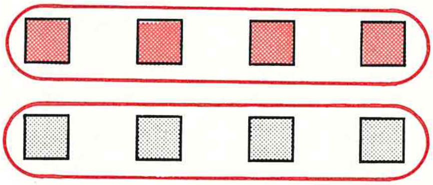
Read about the sets; then answer the question.

4 sets of 2



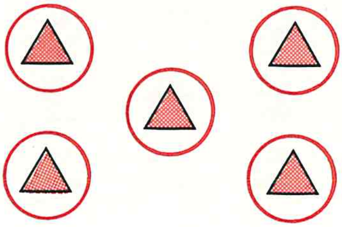
a. How many in all?

2 sets of 4



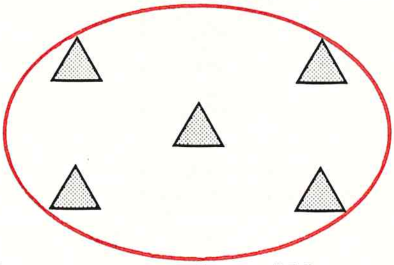
b. How many in all?

5 sets of 1



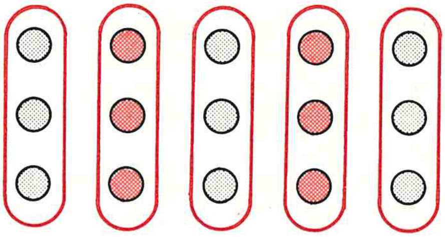
c. How many in all?

1 set of 5



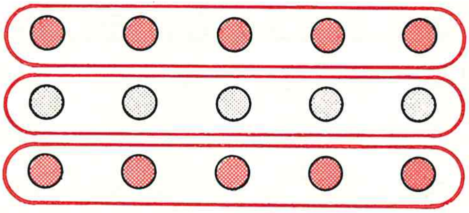
d. How many in all?

5 sets of 3



e. How many in all?

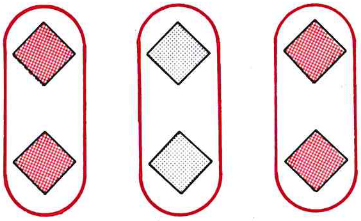
3 sets of 5



f. How many in all?

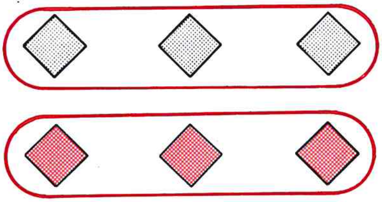
Read about the sets; then answer the question.

3 sets of 2



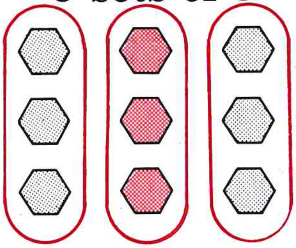
a. How many in all?

2 sets of 3



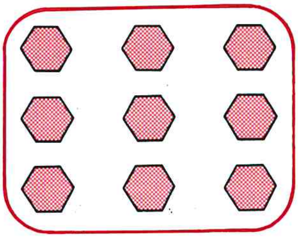
b. How many in all?

3 sets of 3



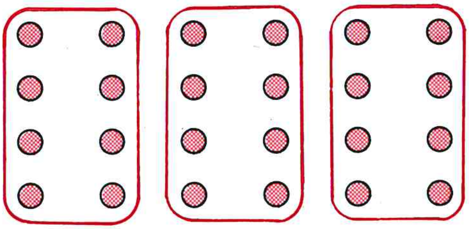
c. How many in all?

1 set of 9



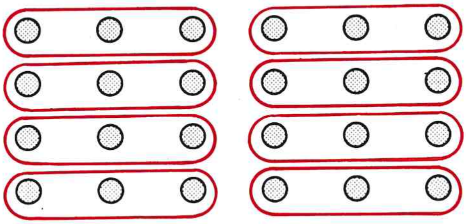
d. How many in all?

3 sets of 8



e. How many in all?

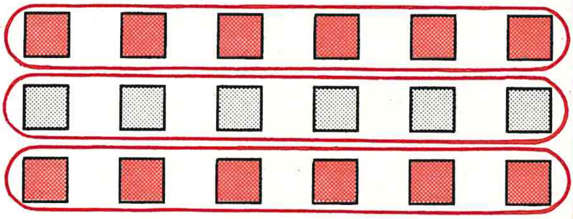
8 sets of 3



f. How many in all?

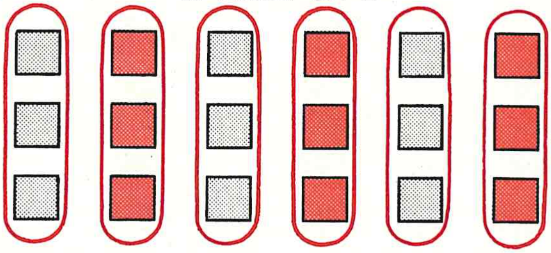
Read about the sets; then answer the question.

3 sets of 6



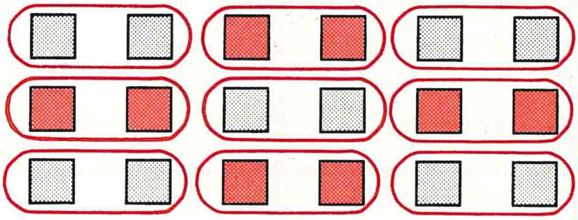
a. How many in all?

6 sets of 3



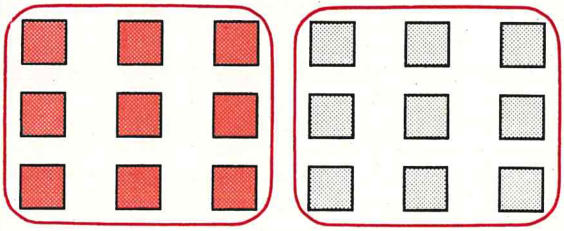
b. How many in all?

9 sets of 2



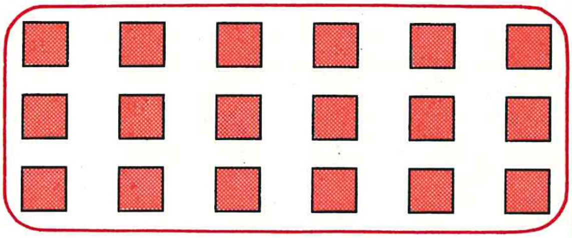
c. How many in all?

2 sets of 9



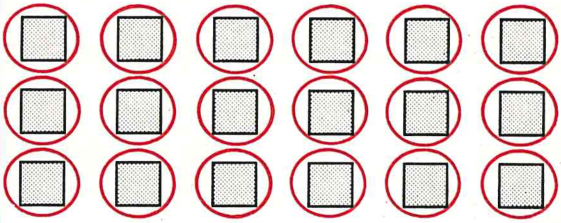
d. How many in all?

1 set of 18



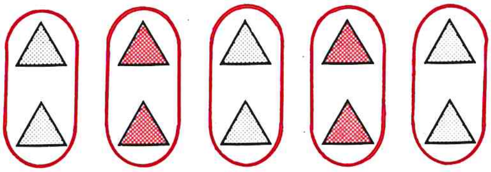
e. How many in all?

18 sets of 1



f. How many in all?

1. The rings show sets of 2.



a. How many sets of 2 are there?

b. How many triangles are there altogether?

We say "5 times 2 equals 10."

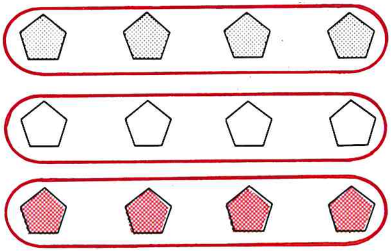
We write 5 × 2 = 10.

We call this multiplication.

We say that we multiply 2 by 5 and get 10.

We say that 10 is the product of 5 and 2.

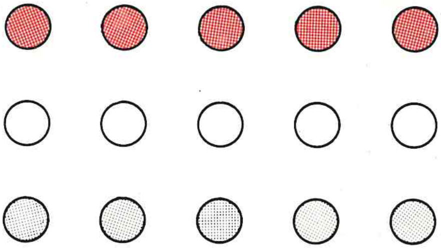
2. The rings show 3 sets of 4.
Solve the equation.



$3 \times 4 = \boxed{?}$

Give the missing numbers.

1. 3 × 5



a. How many sets? ?

b. How many in each set? ?

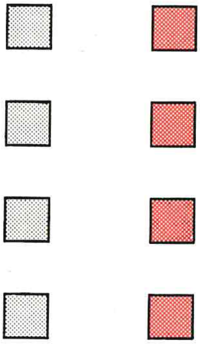
c. How many altogether? ?

d. The product of 3 and 5 is ?.

e. Three times five is ?.

f. 3 × 5 = ?

2. 2 × 4



a. How many sets? ?

b. How many in each set? ?

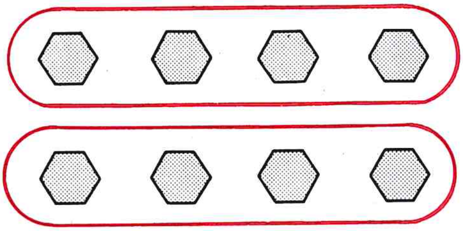
c. How many altogether? ?

d. The product of 2 and 4 is ?.

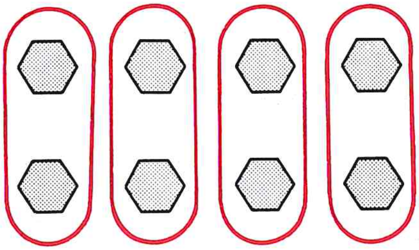
e. Two times four is ?.

f. 2 × 4 = ?

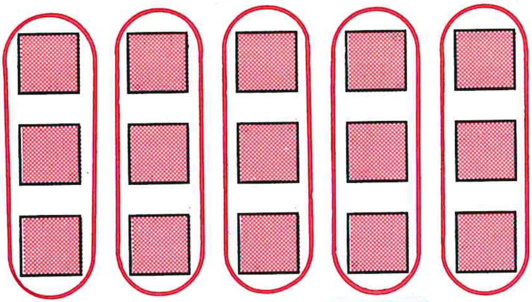
Study the sets; then find the product.



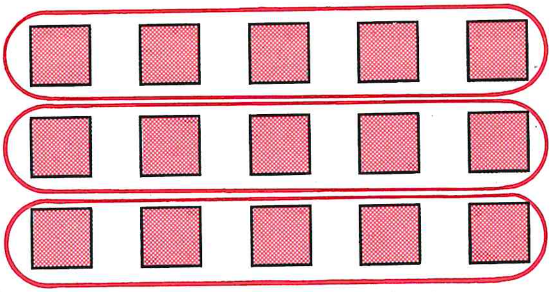
$2 \times 4 = \boxed{8}$



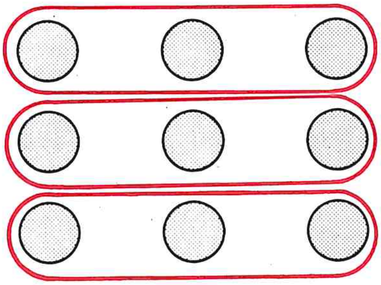
a. $4 \times 2 = \boxed{?}$



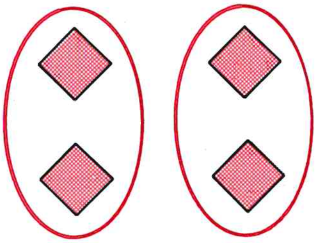
b. $5 \times 3 = \boxed{?}$



c. $3 \times 5 = \boxed{?}$

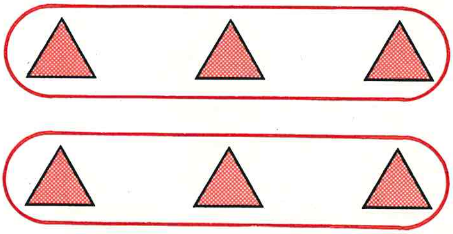


d. $3 \times 3 = \boxed{?}$

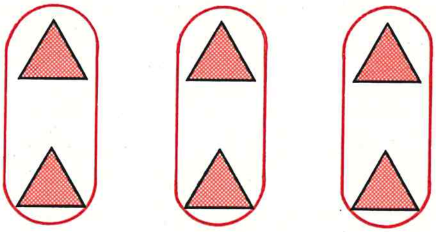


e. $2 \times 2 = \boxed{?}$

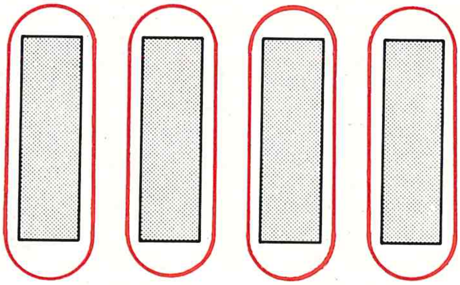
Study the sets; then find the product.



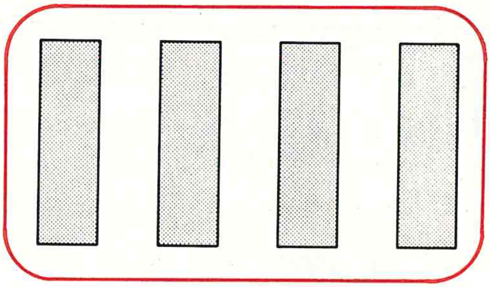
a. $2 \times 3 = \boxed{?}$



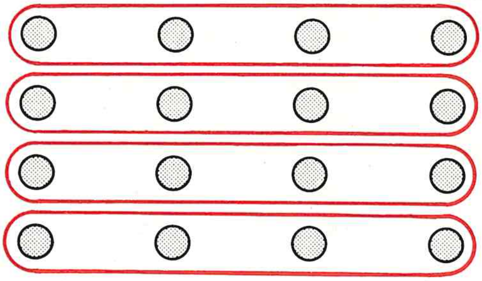
b. $3 \times 2 = \boxed{?}$



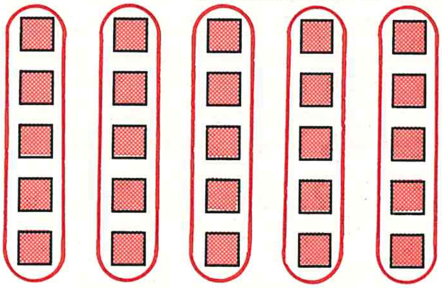
c. $4 \times 1 = \boxed{?}$



d. $1 \times 4 = \boxed{?}$

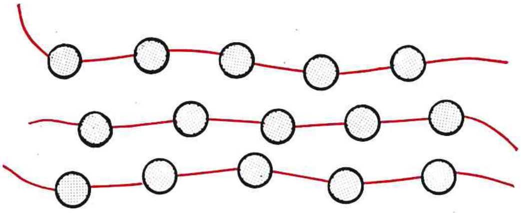


e. $4 \times 4 = \boxed{?}$

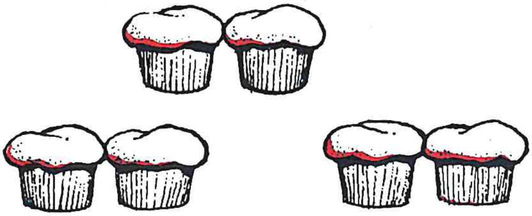


f. $5 \times 5 = \boxed{?}$

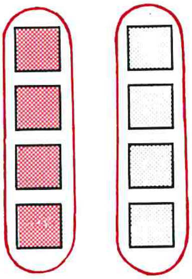
Write multiplication equations to tell about the sets.



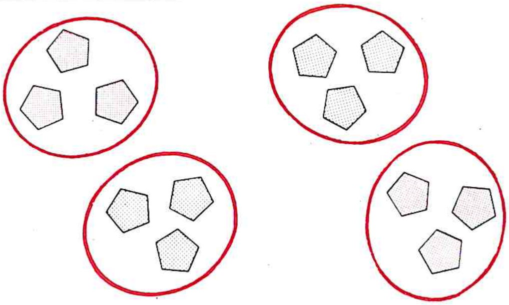
3 × 5 = 15



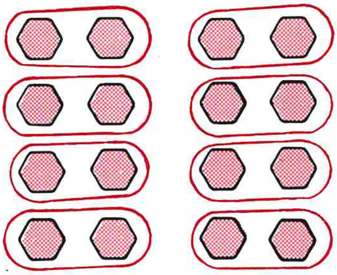
a. ? × ? = ?



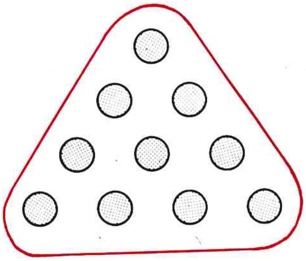
b. ? × ? = ?



c. ? × ? = ?

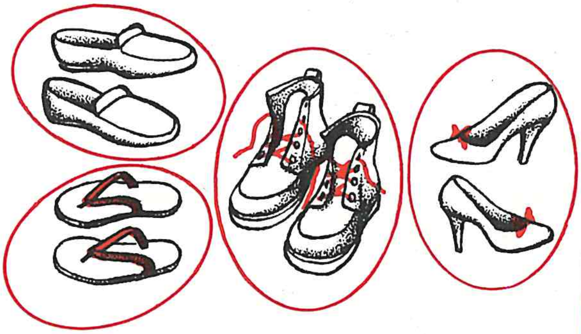


d. ? × ? = ?

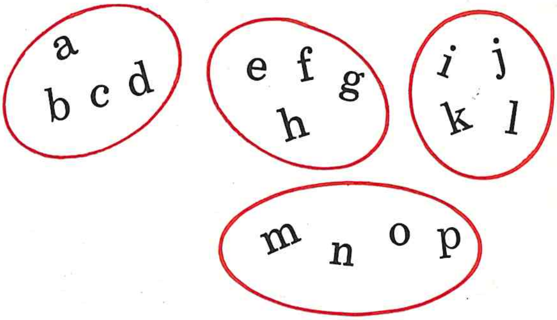


e. ? × ? = ?

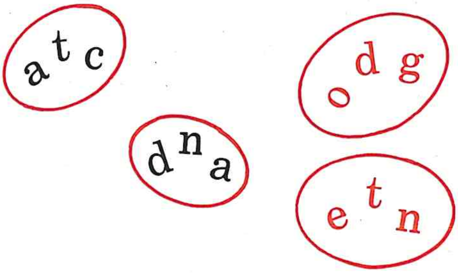
Write multiplication equations to tell about the sets.



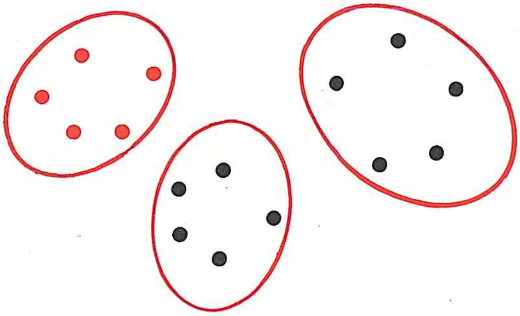
4 × 2 = 8



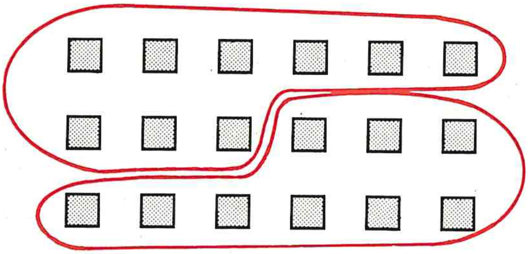
a. ? × ? = ?



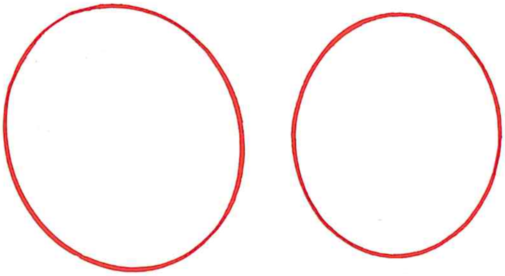
b. ? × ? = ?



c. ? × ? = ?

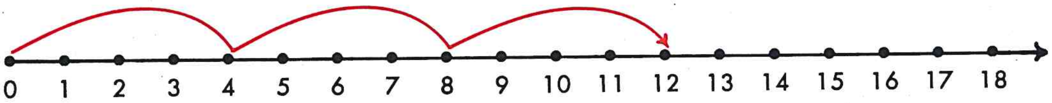


d. ? × ? = ?



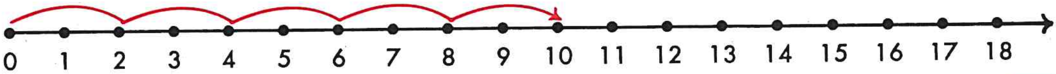
e. ? × ? = ?

Study the examples; then solve the equations.



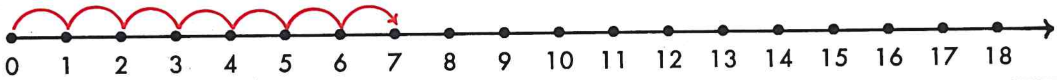
$4 + 4 + 4 = 12$ $3 \times 4 = 12$

1.



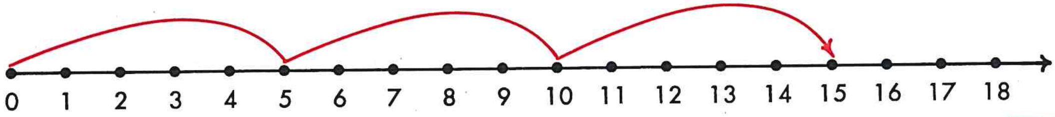
a. $2 + 2 + 2 + 2 + 2 = \boxed{?}$ b. $5 \times 2 = \boxed{?}$

2.



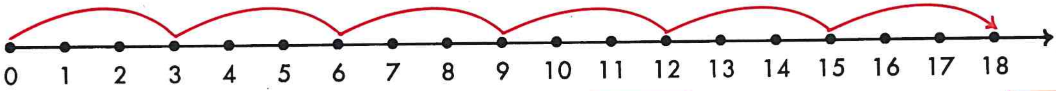
a. $1 + 1 + 1 + 1 + 1 + 1 + 1 = \boxed{?}$ b. $7 \times 1 = \boxed{?}$

3.



a. $5 + 5 + 5 = \boxed{?}$ b. $3 \times 5 = \boxed{?}$

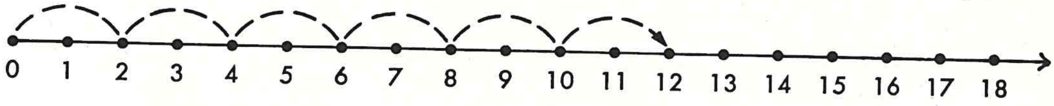
4.



a. $3 + 3 + 3 + 3 + 3 + 3 = \boxed{?}$ b. $6 \times 3 = \boxed{?}$

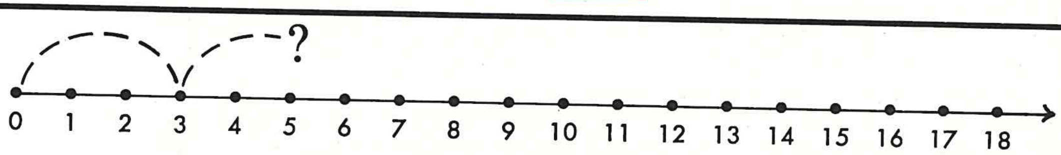
Think about the jumps; then write the complete equation.

1.

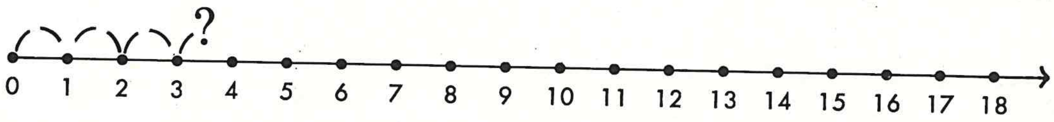


a. $2 + 2 + 2 + 2 + 2 + 2 = \boxed{?}$ b. ? × ? = ?

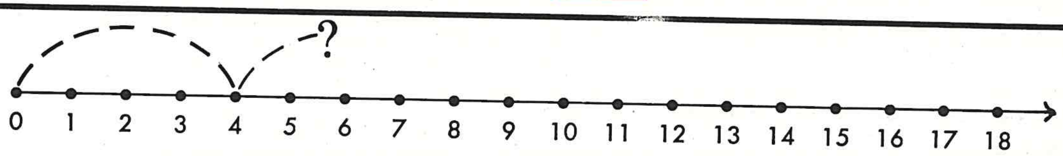
2.



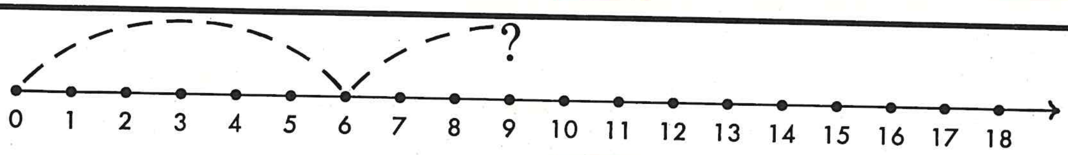
a. $3 + 3 + 3 + 3 + 3 = \boxed{?}$ b. ? × ? = ?



$1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = \boxed{?}$ b. ? × ? = ?



a. $4 + 4 + 4 + 4 = \boxed{?}$ b. ? × ? = ?



a. $6 + 6 + 6 = \boxed{?}$ b. ? × ? = ?

Copy each table and finish the skip counting; then write the equation.

4	8	12	16	20

5 × 4 = 20

1\.

a.

2	4	6	?	?	?	?

b. ? × ? = ?

2\.

a.

5	10	15	?	?	?

b. ? × ? = ?

3\.

a.

6	12	?	?

b. ? × ? = ?

4\.

a.

4	8	?	?	?	?

b. ? × ? = ?

Copy each table and finish the skip counting; then write the equation.

.

5	10	15	?	?

5 × 5 = 25

.

3	6	9	?	?	?	?

b. ? × ? = ?

.

7	14	?	?

b. ? × ? = ?

.

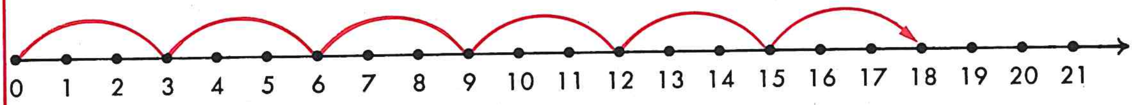
6	12	18	?	?	?

b. ? × ? = ?

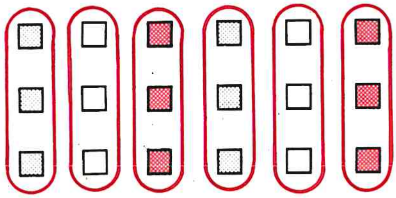
4	8	12	?	?	?	?

b. ? × ? = ?

Look at different ways to think of 6 × 3.



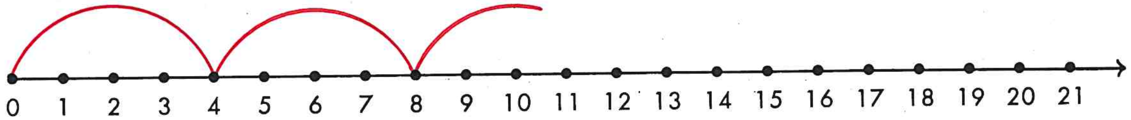
$3 + 3 + 3 + 3 + 3 + 3 = \boxed{18}$

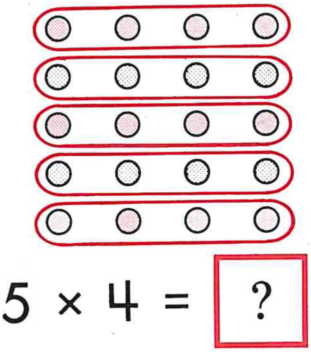


3	6	9	12	15	18

$6 \quad 3 = \boxed{18}$

Look at different ways to think of 5 × 4.
Solve the equations and complete the skip counting.





a. $4 + 4 + 4 + 4 + 4 = \boxed{?}$

b.

4	8	12	?	?

c. $5 \times 4 = \boxed{?}$

Find the sum; then find the product.

1. a. $1 + 1 + 1 = \boxed{?} \longrightarrow$ b. $3 \times 1 = \boxed{?}$

2. a. $2 + 2 + 2 = \boxed{?} \longrightarrow$ b. $3 \times 2 = \boxed{?}$

3. a. $3 + 3 + 3 = \boxed{?} \longrightarrow$ b. $3 \times 3 = \boxed{?}$

4. a. $4 + 4 + 4 = \boxed{?} \longrightarrow$ b. $3 \times 4 = \boxed{?}$

5. a. $5 + 5 + 5 = \boxed{?} \longrightarrow$ b. $3 \times 5 = \boxed{?}$

6. a. $1 + 1 + 1 + 1 = \boxed{?} \longrightarrow$ b. $4 \times 1 = \boxed{?}$

7. a. $2 + 2 + 2 + 2 = \boxed{?} \longrightarrow$ b. $4 \times 2 = \boxed{?}$

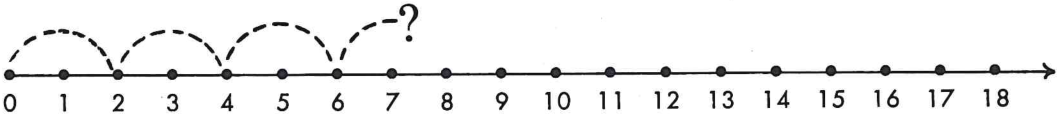
8. a. $3 + 3 + 3 + 3 = \boxed{?} \longrightarrow$ b. $4 \times 3 = \boxed{?}$

9. a. $4 + 4 + 4 + 4 = \boxed{?} \longrightarrow$ b. $4 \times 4 = \boxed{?}$

10. a. $5 + 5 + 5 + 5 = \boxed{?} \longrightarrow$ b. $4 \times 5 = \boxed{?}$

Think about the jumps on the number line; then find the products.

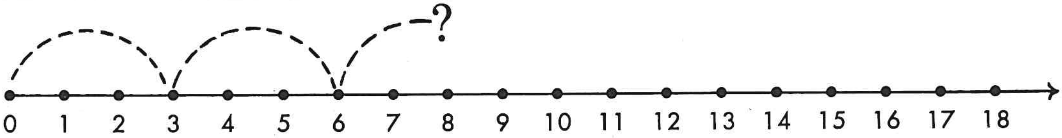
1.



a. $1 \times 2 = \boxed{?}$ c. $3 \times 2 = \boxed{?}$ e. $5 \times 2 = \boxed{?}$

b. $2 \times 2 = \boxed{?}$ d. $4 \times 2 = \boxed{?}$ f. $6 \times 2 = \boxed{?}$

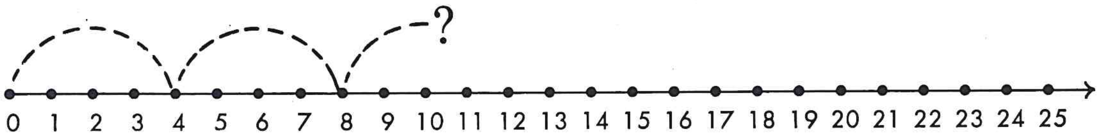
2.



a. $1 \times 3 = \boxed{?}$ c. $3 \times 3 = \boxed{?}$ e. $5 \times 3 = \boxed{?}$

b. $2 \times 3 = \boxed{?}$ d. $4 \times 3 = \boxed{?}$ f. $6 \times 3 = \boxed{?}$

3.



a. $1 \times 4 = \boxed{?}$ c. $3 \times 4 = \boxed{?}$ e. $5 \times 4 = \boxed{?}$

b. $2 \times 4 = \boxed{?}$ d. $4 \times 4 = \boxed{?}$ f. $6 \times 4 = \boxed{?}$

Find as many products as you can.

a. $2 \times 1 = \boxed{?}$

b. $2 \times 2 = \boxed{?}$

c. $2 \times 3 = \boxed{?}$

d. $2 \times 4 = \boxed{?}$

e. $2 \times 5 = \boxed{?}$

f. $3 \times 1 = \boxed{?}$

g. $3 \times 2 = \boxed{?}$

h. $3 \times 3 = \boxed{?}$

i. $3 \times 4 = \boxed{?}$

j. $3 \times 5 = \boxed{?}$

k. $4 \times 1 = \boxed{?}$

l. $4 \times 2 = \boxed{?}$

m. $4 \times 3 = \boxed{?}$

n. $4 \times 4 = \boxed{?}$

o. $4 \times 5 = \boxed{?}$

p. $5 \times 1 = \boxed{?}$

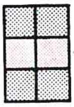
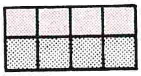
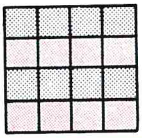
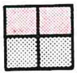
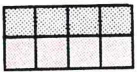
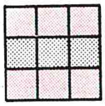
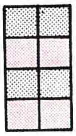
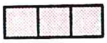
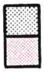
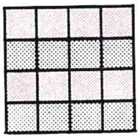
q. $5 \times 2 = \boxed{?}$

r. $5 \times 3 = \boxed{?}$

s. $5 \times 4 = \boxed{?}$

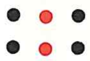
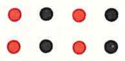
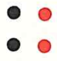
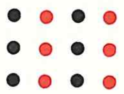
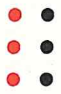
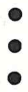
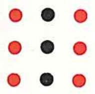
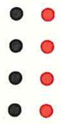
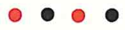
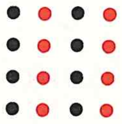
t. $5 \times 5 = \boxed{?}$

Copy and complete the table.

A 	B 	C 	D 	E 
F 	G 	H 	I 	J 

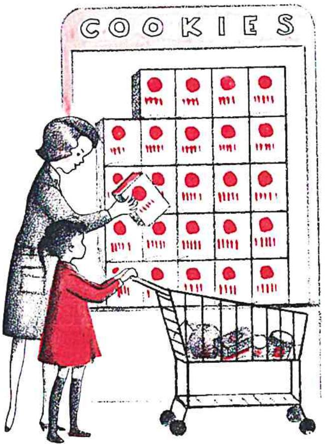
Problem	How many?			Multiplication equation
	Rows	Boxes per row	Boxes in all	
A	3	2	6	3 × 2 = 6
B				
C				
D				
E				
F				
G				
H				
I				
J				

Copy and complete the table.

A 	B 	C 	D 	E 
F 	G 	H 	I 	J 

Problem	How many?			Multiplication equation
	Columns	Dots per column	Dots in all	
A	3	2	6	3 × 2 = 6
B				
C				
D				
E				
F				
G				
H				
I				
J				

A TRIP to the GROCERY



1. Margaret and her mother went to the grocery. They bought a carton of eggs. It had 2 rows, with 6 eggs in each row. How many eggs were in the carton?

2. Margaret saw 5 stacks of cookie boxes. Each stack had 5 boxes. How many boxes of cookies did she see?

3. Margaret picked out a package of buns which had 3 rows of 4 buns each. How many buns were in the package?

4. Margaret's mother was given a sheet of trading stamps when she paid for the food. It had 5 columns, with 4 stamps in each column. How many stamps did she get?

Find the products.

a. $1 \times 1 = \boxed{?}$

b. $2 \times 2 = \boxed{?}$

c. $3 \times 3 = \boxed{?}$

d. $4 \times 4 = \boxed{?}$

e. $5 \times 5 = \boxed{?}$

f. $3 \times 4 = \boxed{?}$

g. $2 \times 5 = \boxed{?}$

h. $3 \times 2 = \boxed{?}$

i. $4 \times 1 = \boxed{?}$

j. $5 \times 3 = \boxed{?}$

k. $2 \times 3 = \boxed{?}$

l. $4 \times 2 = \boxed{?}$

m. $3 \times 1 = \boxed{?}$

n. $2 \times 4 = \boxed{?}$

o. $3 \times 5 = \boxed{?}$

p. $4 \times 3 = \boxed{?}$

q. $5 \times 2 = \boxed{?}$

r. $4 \times 5 = \boxed{?}$

s. $5 \times 1 = \boxed{?}$

t. $5 \times 4 = \boxed{?}$

Find the products.

a. $3 \times 2 = \boxed{?}$

b. $2 \times 3 = \boxed{?}$

c. $5 \times 3 = \boxed{?}$

d. $3 \times 5 = \boxed{?}$

e. $2 \times 4 = \boxed{?}$

f. $4 \times 2 = \boxed{?}$

g. $4 \times 3 = \boxed{?}$

h. $3 \times 4 = \boxed{?}$

i. $4 \times 5 = \boxed{?}$

j. $5 \times 4 = \boxed{?}$

k. $1 \times 2 = \boxed{?}$

l. $2 \times 1 = \boxed{?}$

m. $4 \times 1 = \boxed{?}$

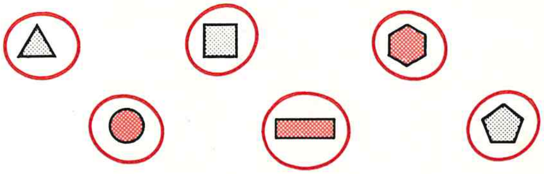
n. $1 \times 4 = \boxed{?}$

o. $2 \times 5 = \boxed{?}$

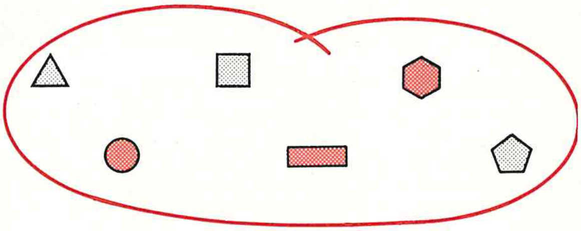
p. $5 \times 2 = \boxed{?}$

a. How many objects in 6 sets of 1?

b. How many objects in 1 set of 6?



6 sets of 1



1 set of 6

c. $6 \times 1 = \boxed{?}$

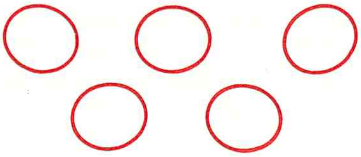
d. $1 \times 6 = \boxed{?}$

e. The product of any number and $\underline{\ \ ?\ \ }$ is the number itself.

---

a. How many objects in 5 sets of 0?

b. How many objects in 0 sets of 5?



5 sets of 0

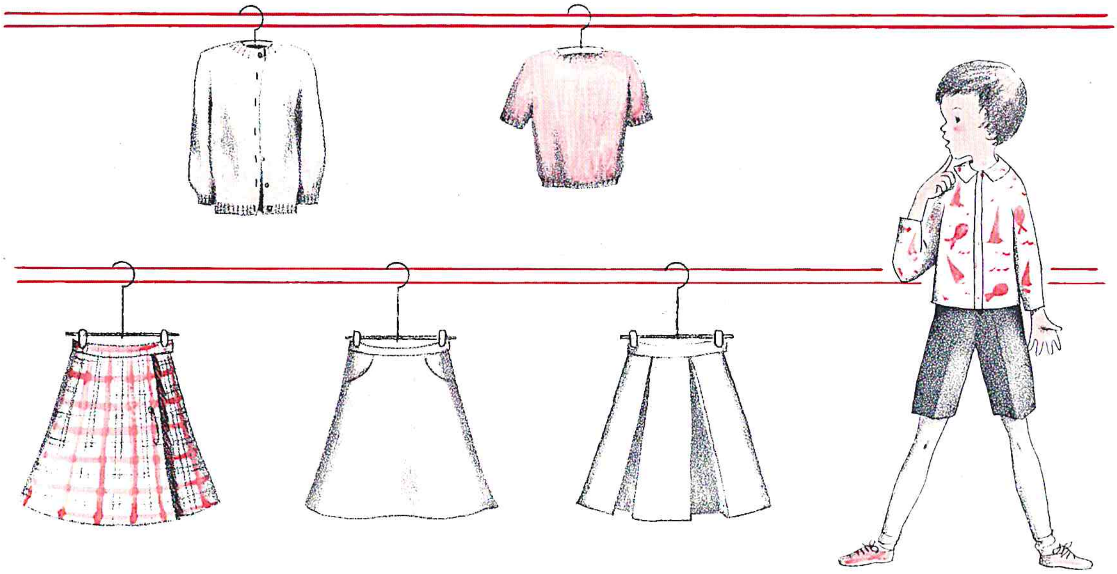
0 sets of 5

c. $5 \times 0 = \boxed{?}$

d. $0 \times 5 = \boxed{?}$

e. The product of any number and $\underline{\ \ ?\ \ }$ is 0.

COMBINING CLOTHES



Becky wanted to know how many outfits she could make from her sweaters and skirts. Write the two lists below and draw lines to show how they can be paired.

Sweater A
Sweater B

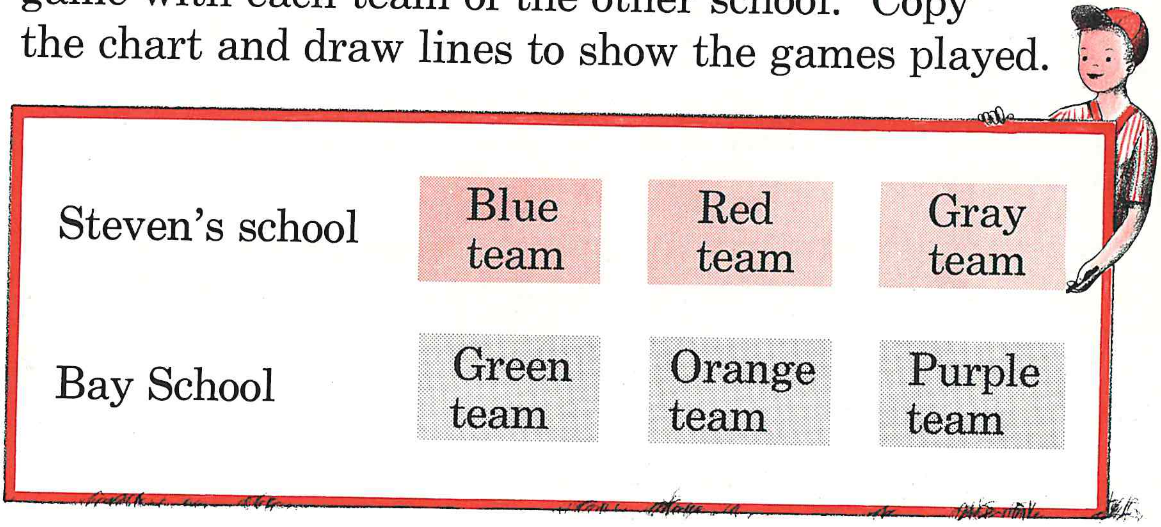
Skirt A
Skirt B
Skirt C

1. How many sweaters does she have?
2. How many skirts does she have?
3. How many outfits can she make?

★4. Tell the story with an equation.

THE SOFTBALL TOURNAMENT

Steven kept a record of softball games played in a tournament between teams of his school and teams of Bay School. His school has a blue, a red, and a gray team. Bay School has a green, an orange, and a purple team. Each team played one game with each team of the other school. Copy the chart and draw lines to show the games played.

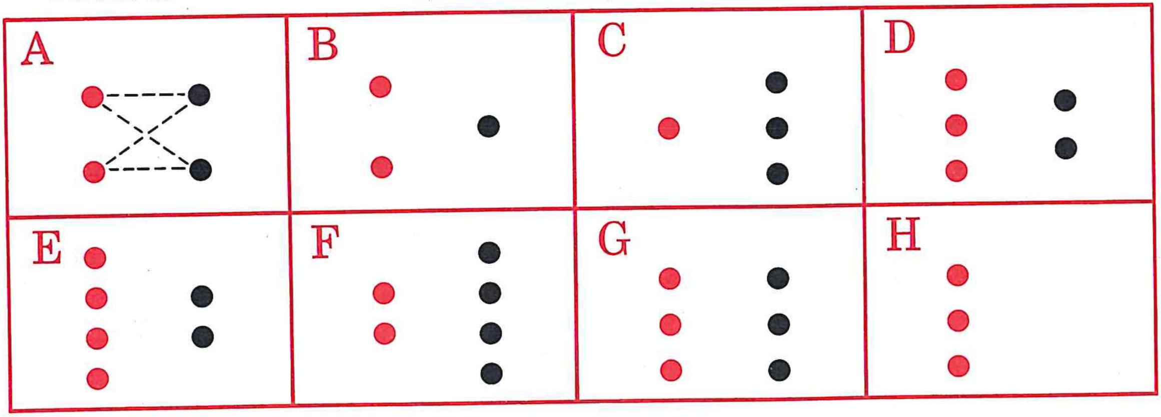


Steven's school	Blue team	Red team	Gray team
Bay School	Green team	Orange team	Purple team

1. How many teams are in Steven's school?
2. How many teams are in Bay School?
3. How many games were played?
4. ★ Tell the story with an equation.

Copy the dots in each part and draw lines to connect each ● with each ●; then copy and complete the table.

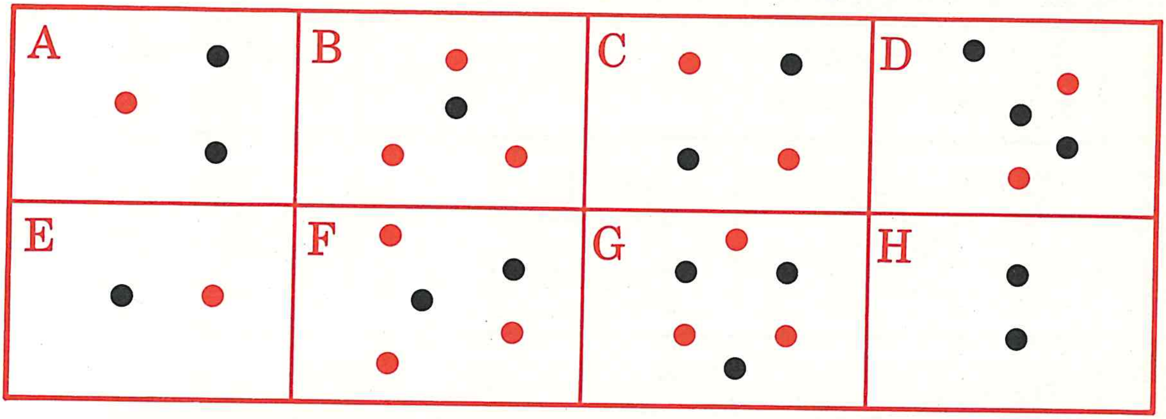
1.



2.

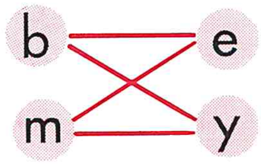
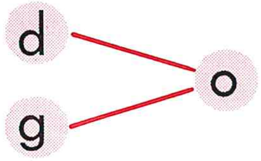
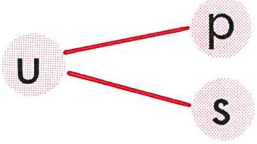
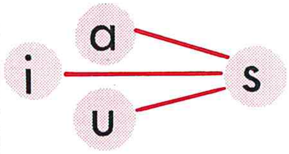
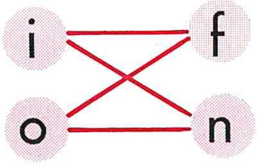
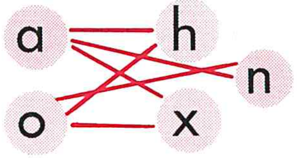
Problem	How many?			Multiplication equation
	●	●	Lines	
A	2	2	4	2 × 2 = 4
B				
C				
D				
E				
F				
G				
★ H				

Copy the dots in each part and draw lines to connect each 🔴 with each ●; then copy and complete the table.

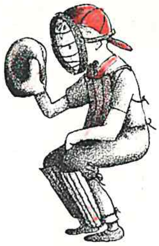


Problem	How many?			Multiplication equation
	🔴	●	Lines	
A	1	2	2	1 × 2 = 2
B				
C				
D				
E				
F				
G				
★ H				

Write the words shown by the matching.
Then write the multiplication equation.

	First letter	Second letter	Two-letter words	Multiplication equation
			be by me my	2 × 2 = 4
1.			a. do go	b. ? × ? = ?
2.			a. up ?	b. ? × ? = ?
3.			a. ? ? ?	b. ? × ? = ?
4.			a. ? ? ? ?	b. ? × ? = ?
5.			a. ? ? ? ? ? ?	b. ? × ? = ?

THINKING ABOUT PAIRS

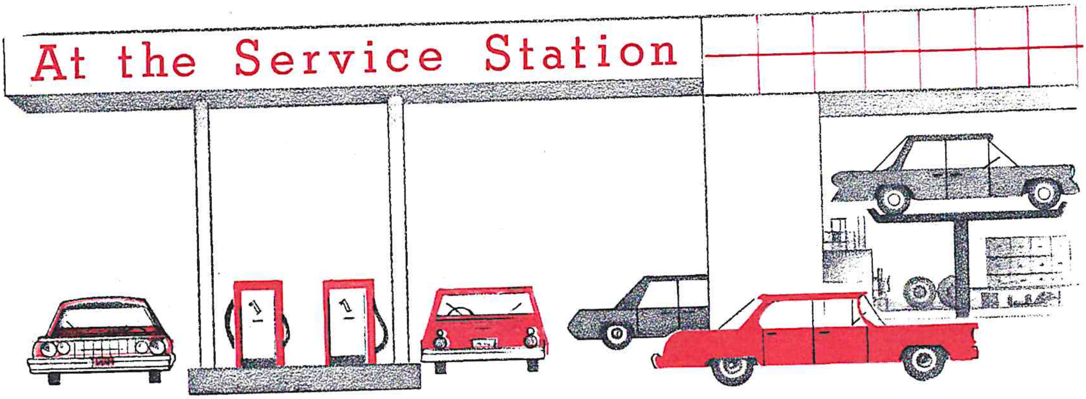


1. Larry, Fred, and Mike were pitchers for the Rockets ball team, and Jack and Frank were catchers. In how many different ways can the Rockets pair their pitchers and catchers?

2. Roy's parents let him choose one toy: a bicycle, a record player, a building set, or a radio. They also let him choose one outing: a picnic, a zoo trip, or a baseball game. From how many pairs of toys and outings can he choose?

3. Bob wrote 1, 2, 3, and 4 on separate slips of paper and put them in one hat. He wrote the letters A and B on separate slips of paper and put them in another hat.

   If he took one slip of paper from each hat, how many different letter-numeral pairs could he draw out of the hats?



1. Harry was looking at 5 cars.
   Each car had 4 tires and 1 spare tire.
   How many tires were there in all?

2. Three of the cars had white sidewall tires. How many white sidewall tires were there?

3. Each of the cars had 4 doors. How many doors were there in all?

4. Each car had 2 windshield wipers. How many wipers were there in all?

5. Six people could ride in each car. How many people could ride in all?

Helping a Neighbor

1. Joan, Dick, and Ted helped Mr. Jones work in his yard. Each child filled 4 baskets with leaves. How many baskets of leaves did they have in all?

2. The children helped plant shrubs. They made 4 rows with 6 shrubs in each row. How many shrubs did they plant in all?

3. When they finished, each child had done 5 jobs. How many jobs had they done in all?

4. Mr. Jones treated everyone to a 5-cent ice cream cone. He also bought one for himself. How much did Mr. Jones pay for ice cream cones?

5. He paid each of the children 25 cents. How much did they earn in all?

1. Copy and complete the multiplication table.

×	0	1	2	3	4	5
0						
1						
2				6		
3	0					
4						
5					20	

2. Solve the equations.

a. $\boxed{?} \times 1 = 0$

b. $1 \times \boxed{?} = 0$

c. $5 \times \boxed{?} = 0$

d. $3 \times \boxed{?} = 3$

★ Write +, −, or × for each ?.

a. $3 \; ? \; 2 = 1$

b. $3 \; ? \; 2 = 5$

c. $3 \; ? \; 2 = 6$

d. $5 \; ? \; 3 = 8$

e. $5 \; ? \; 3 = 15$

f. $5 \; ? \; 3 = 2$

g. $3 \; ? \; 3 < 6$

h. $3 \; ? \; 3 > 6$

i. $4 \; ? \; 2 > 6$

j. $4 \; ? \; 2 < 6$

k. $1 \; ? \; 1 < 1$

l. $1 \; ? \; 1 > 1$

m. $4 \; ? \; 3 = 12$

n. $4 \; ? \; 3 = 1$

o. $4 \; ? \; 3 = 7$

p. $6 \; ? \; 0 = 0$

q. $0 \; ? \; 6 = 6$

r. $0 \; ? \; 0 = 0$

s. $5 \; ? \; 5 > 10$

t. $5 \; ? \; 5 < 10$

u. $3 \; ? \; 4 < 10$

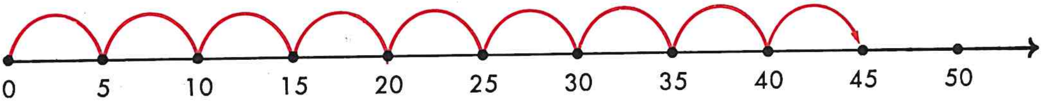
v. $4 \; ? \; 3 < 5$

w. $2 \; ? \; 2 < 4$

x. $4 \; ? \; 4 > 9$

1. Look at different ways to think about 9×5, and complete the exercises.

9×5

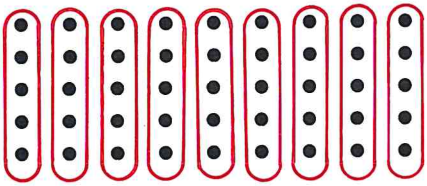


a. $5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = \boxed{?}$

b.

5	10	15	20	25	?	?	?	?

c.



$9 \times 5 = \boxed{?}$

2. Complete the statements.

a. Since $6 \times 8 = 48$, we know that $8 \times 6 = \boxed{?}$.

b. Since $4 \times 7 = 28$, we know that $7 \times 4 = \boxed{?}$.

c. Since $3 \times 9 = 27$, we know that $9 \times 3 = \boxed{?}$.

d. Since $7 \times 6 = 42$, we know that $6 \times 7 = \boxed{?}$.

Find the products.

a. $5 \times 5 = \boxed{?}$

b. $6 \times 5 = \boxed{?}$

c. $7 \times 5 = \boxed{?}$

d. $8 \times 5 = \boxed{?}$

e. $9 \times 5 = \boxed{?}$

f. $5 \times 4 = \boxed{?}$

g. $6 \times 4 = \boxed{?}$

h. $7 \times 4 = \boxed{?}$

i. $8 \times 4 = \boxed{?}$

j. $9 \times 4 = \boxed{?}$

---

k. $1 \times 9 = \boxed{?}$

l. $2 \times 9 = \boxed{?}$

m. $3 \times 9 = \boxed{?}$

n. $4 \times 9 = \boxed{?}$

o. $5 \times 9 = \boxed{?}$

p. $1 \times 7 = \boxed{?}$

q. $2 \times 7 = \boxed{?}$

r. $3 \times 7 = \boxed{?}$

s. $4 \times 7 = \boxed{?}$

t. $5 \times 7 = \boxed{?}$

1. Find the sums.

a. $4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = \boxed{?}$

d. $6 + 6 + 6 + 6 + 6 + 6 + 6 = \boxed{?}$

c. $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = \boxed{?}$

d. $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = \boxed{?}$

e. $5 + 5 + 5 + 5 + 5 + 5 = \boxed{?}$

f. $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = \boxed{?}$

2. Find the products.

a. $8 \times 4 = \boxed{?}$

b. $7 \times 6 = \boxed{?}$

c. $9 \times 7 = \boxed{?}$

d. $8 \times 8 = \boxed{?}$

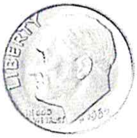
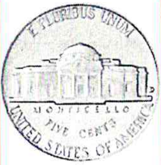
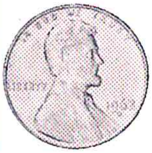
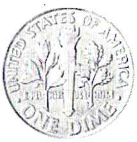
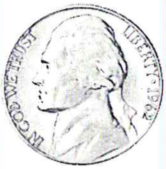
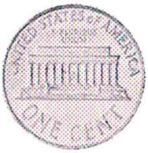
e. $6 \times 5 = \boxed{?}$

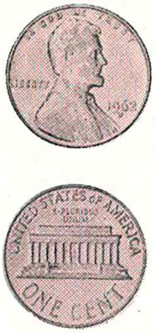
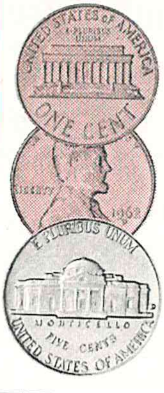
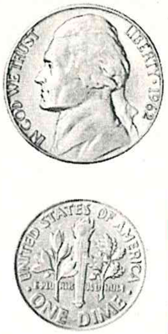
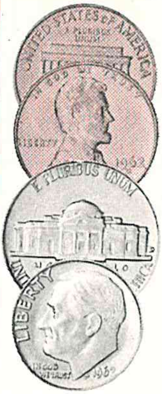
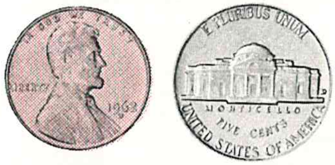
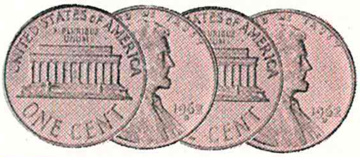
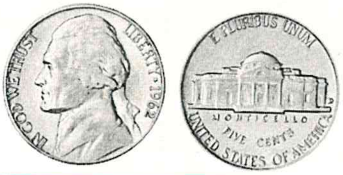
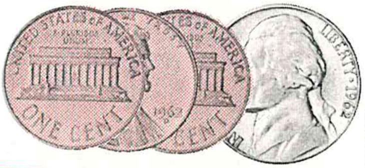
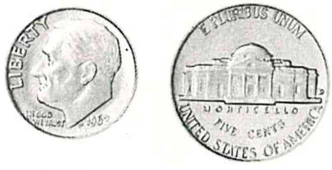
f. $9 \times 9 = \boxed{?}$

Copy and complete the multiplication table.

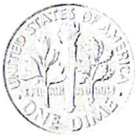
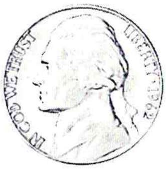
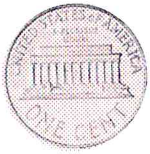
×	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										45
6								42		
7										
8									64	
9							54			

Give the number of cents.

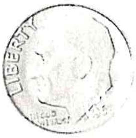
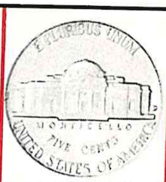
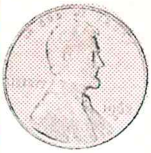
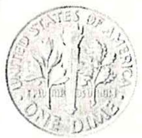
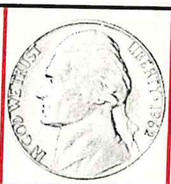
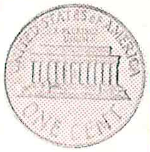
	Number of coins			How many cents?			
							Sum
	0	1	2	0¢	5¢	2¢	7¢
1.	1	1	1	a. ?	b. ?	c. ?	d. ?
2.	1	0	3	a. ?	b. ?	c. ?	d. ?
3.	0	2	13	a. ?	b. ?	c. ?	d. ?
4.	2	1	10	a. ?	b. ?	c. ?	d. ?
5.	3	2	0	a. ?	b. ?	c. ?	d. ?
6.	2	3	5	a. ?	b. ?	c. ?	d. ?
7.	1	4	7	a. ?	b. ?	c. ?	d. ?
8.	2	1	4	a. ?	b. ?	c. ?	d. ?
9.	1	3	7	a. ?	b. ?	c. ?	d. ?

Write the total amounts.				
1. 	8¢	13¢	a. ?	b. ?
2. 	a. ?	b. ?	c. ?	d. ?
3. 	a. ?	b. ?	c. ?	d. ?
4. 	a. ?	b. ?	c. ?	d. ?
5. 	a. ?	b. ?	c. ?	d. ?

Alice is selling candy at a school fair.
Help her keep a record of sales.
In each case, give the fewest coins for change.

	Candy price	Amount paid	Change due	How many coins?		
						
	57¢	65¢	8¢	0	1	3
1.	38¢	50¢	a. ?¢	b. ?	c. ?	d. ?
2.	29¢	35¢	a. ?¢	b. ?	c. ?	d. ?
3.	63¢	70¢	a. ?¢	b. ?	c. ?	d. ?
4.	14¢	25¢	a. ?¢	b. ?	c. ?	d. ?
5.	35¢	50¢	a. ?¢	b. ?	c. ?	d. ?
6.	53¢	75¢	a. ?¢	b. ?	c. ?	d. ?
7.	21¢	30¢	a. ?¢	b. ?	c. ?	d. ?
8.	40¢	45¢	a. ?¢	b. ?	c. ?	d. ?

Give the missing numbers and amounts.

	Number of coins			Number of cents			Sum
							
	0	1	3	0¢	5¢	3¢	8¢
1.	a. ?	b. ?	c. ?	10¢	5¢	d. ?	16¢
2.	a. ?	b. ?	c. ?	d. ?	10¢	2¢	32¢
3.	a. ?	b. ?	c. ?	10¢	15¢	d. ?	30¢
4.	a. ?	b. ?	c. ?	20¢	d. ?	10¢	40¢
5.	a. ?	b. ?	c. ?	d. ?	10¢	4¢	24¢
6.	a. ?	b. ?	c. ?	30¢	15¢	2¢	d. ?
.	a. ?	b. ?	c. ?	20¢	d. ?	2¢	37¢
.	a. ?	b. ?	c. ?	10¢	20¢	d. ?	30¢
.	a. ?	b. ?	c. ?	10¢	15¢	5¢	d. ?

1 quarter

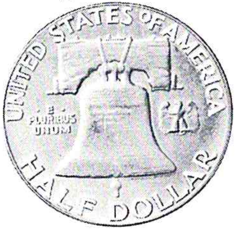
25 cents-25¢

A quarter is a coin worth 25 cents.

A fifty-cent piece is a coin worth 50 cents.

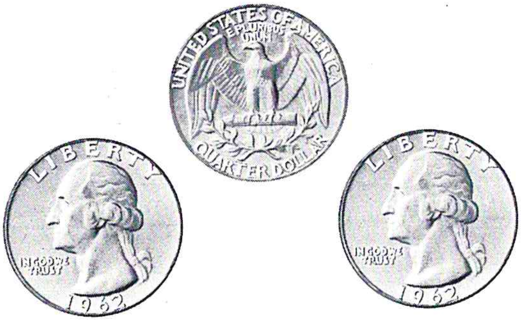
A fifty-cent piece is worth 2 quarters.

1 fifty-cent piece

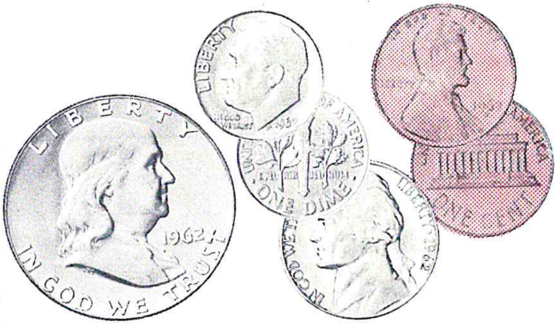


50 cents-50¢

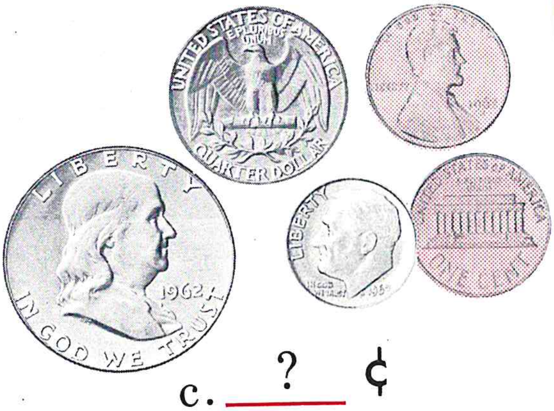
Find the value of each collection.



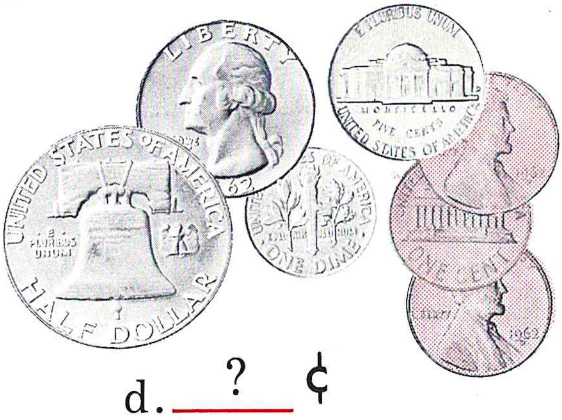
a. __?__ ¢



b. __?__ ¢



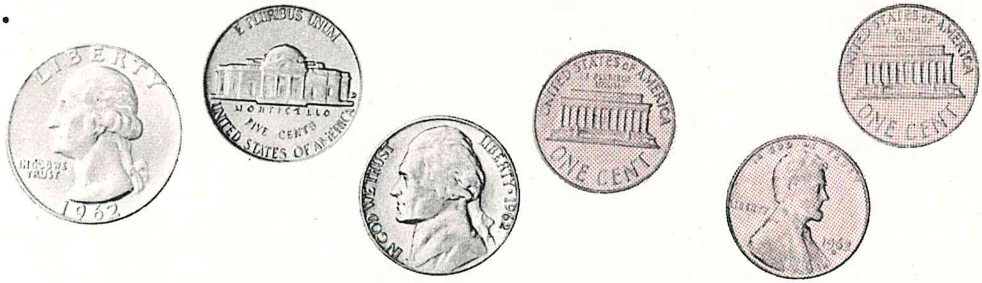
c. __?__ ¢



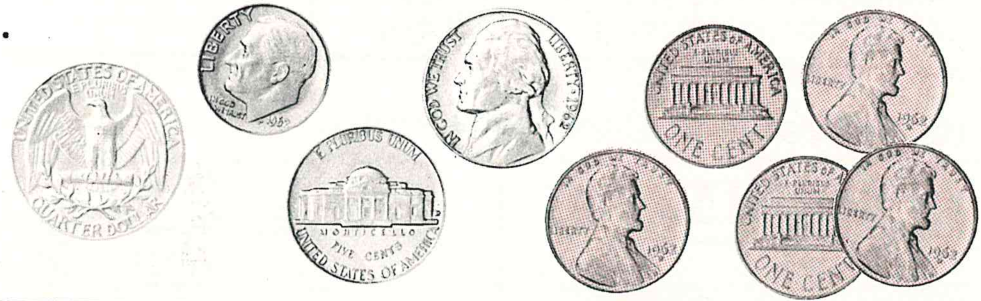
d. __?__ ¢

Give the value of each collection.

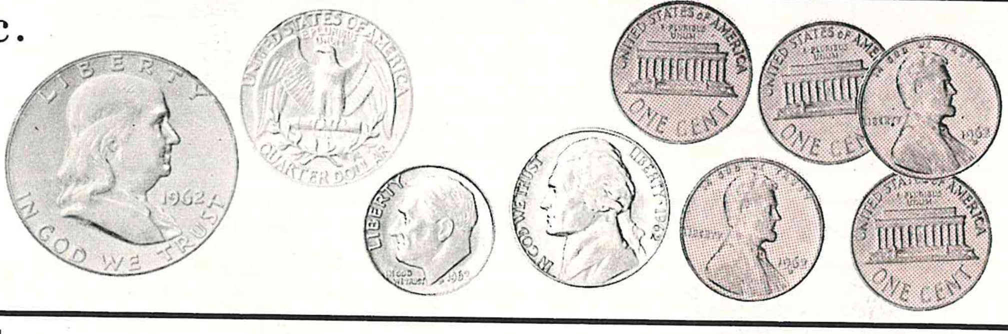
a.



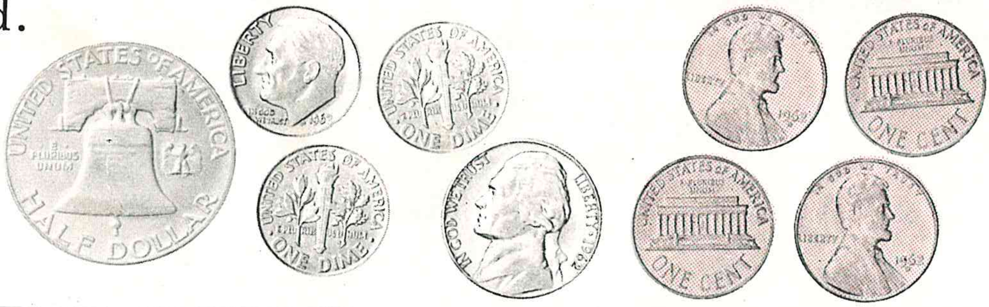
b.



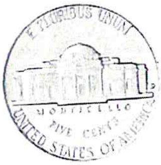
c.



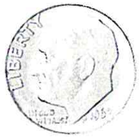
d.



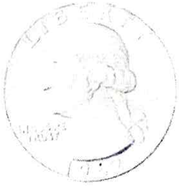
A



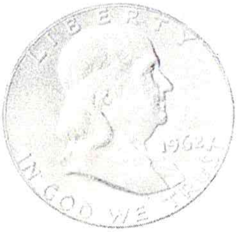
B



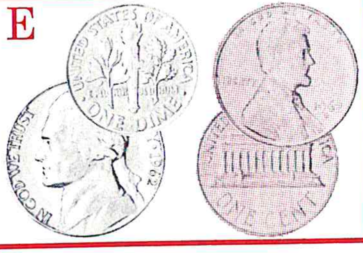
C



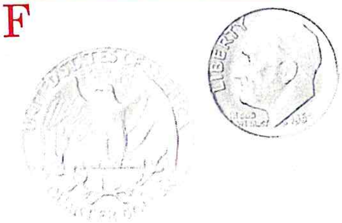
D



E



F



Write the value of these collections.

A and B 15¢

a. A and C ?

b. A and D ?

c. A and E ?

d. A and F ?

e. B and A ?

f. B and C ?

g. B and D ?

h. B and E ?

i. B and F ?

j. C and D ?

k. C and E ?

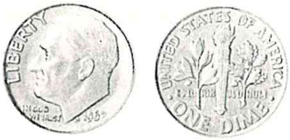
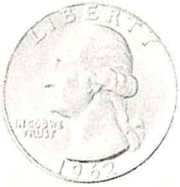
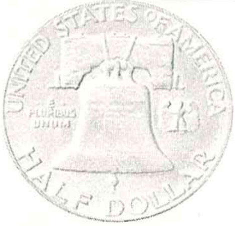
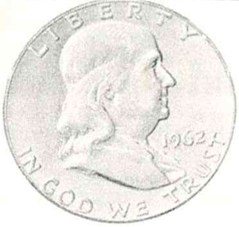
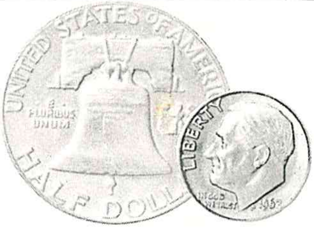
l. C and F ?

m. D and E ?

n. D and F ?

o. E and F ?

Write how many coins you would give as change.

Cost	Paid	Change
1. 12¢		a. ? dimes b. ? nickels c. ? pennies
2. 20¢		a. ? dimes b. ? nickels c. ? pennies
3. 28¢		a. ? quarters b. ? dimes c. ? nickels d. ? pennies
4. 21¢		a. ? quarters b. ? dimes c. ? nickels d. ? pennies
5. 53¢		a. ? quarters b. ? dimes c. ? nickels d. ? pennies

Two fifty-cent pieces are worth 1 dollar or 100¢.
We often write 1 dollar as $1.00 or $1.
$1.23 means 1 dollar and 23 cents.
The period separates the dollars from the cents.

Give the missing numbers.

$2.34 means 2 dollars and 34 cents.

a. $5.81 means 5 dollars and ? cents.

b. $3.40 means ? dollars and 40 cents.

c. $3.04 means ? dollars and 4 cents.

d. $0.85 means ? dollars and 85 cents.

e. $0.07 means 0 dollars and ? cents.

f. $0.99 means ? dollars and 99 cents.

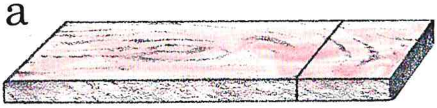
g. $1.00 means 1 dollars and ? cents.

Write how many of each coin you would give as change for $1.

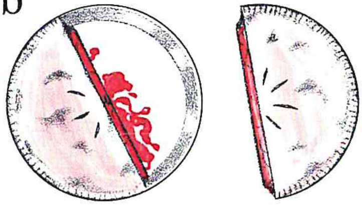
Cost	Change
1. 90¢	a. ? quarters b. ? dimes c. ? nickels d. ? pennies
2. 87¢	a. ? quarters b. ? dimes c. ? nickels d. ? pennies
3. 68¢	a. ? half dollars b. ? quarters c. ? dimes d. ? nickels e. ? pennies
4. 45¢	a. ? half dollars b. ? quarters c. ? dimes d. ? nickels e. ? pennies
5. 19¢	a. ? half dollars b. ? quarters c. ? dimes d. ? nickels e. ? pennies

1. Which objects are divided into halves?

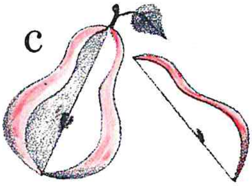
a



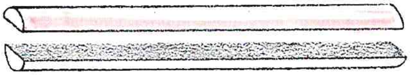
b



c



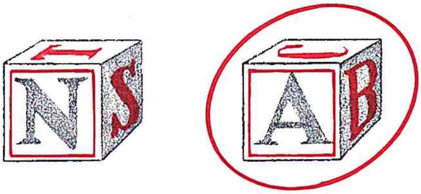
d



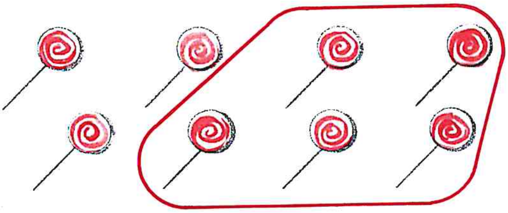
We write one half like this: $\frac{1}{2}$.

2. In which sets is the ring around $\frac{1}{2}$ of the objects?

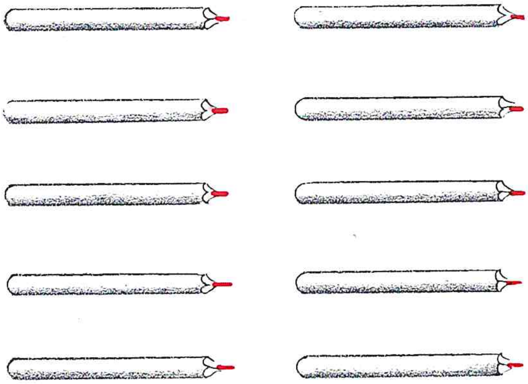
a



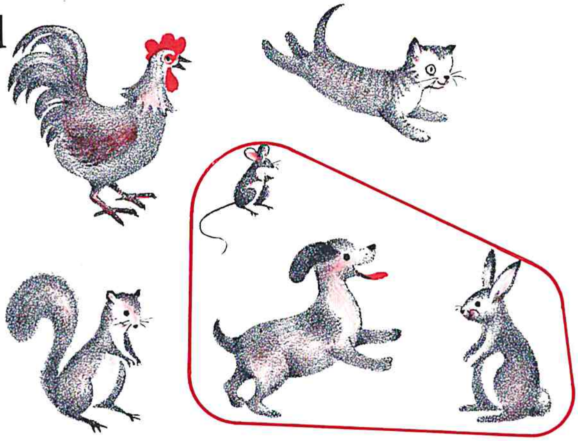
b



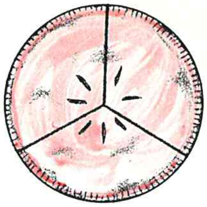
c

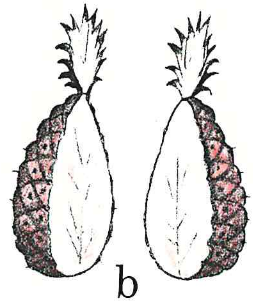


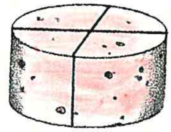
d

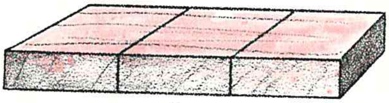


1. Which objects are divided into thirds?


a


b

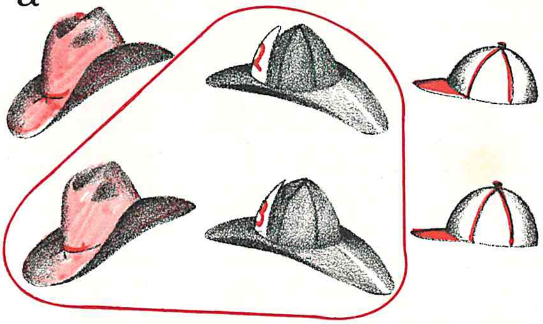

c


d

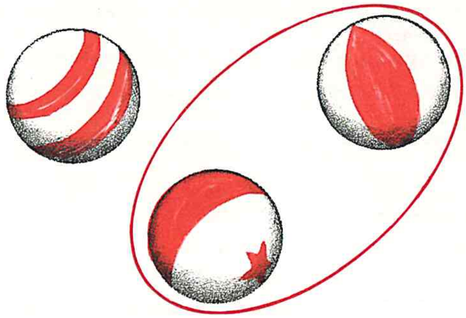
We write one third like this: $\frac{1}{3}$.

2. In which sets is the ring around $\frac{1}{3}$ of the objects?

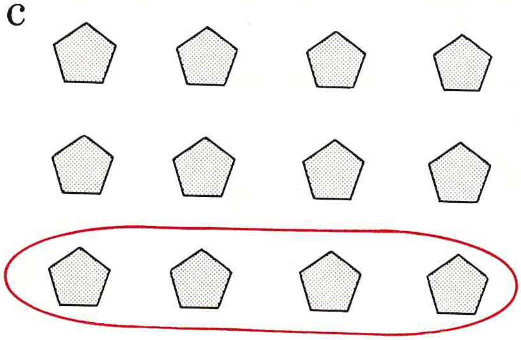
a



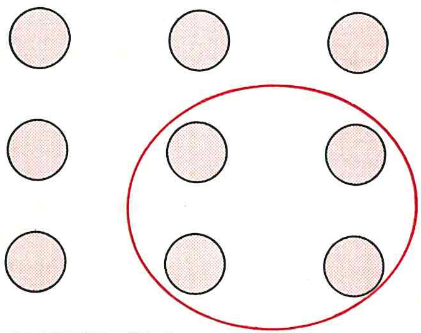
b



c

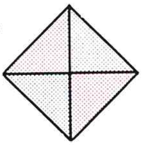


d

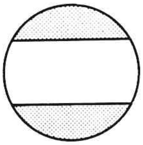


1. Which objects are divided into fourths?

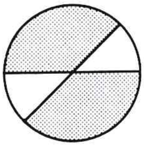
a



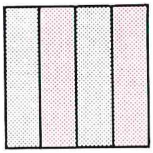
b



c



d

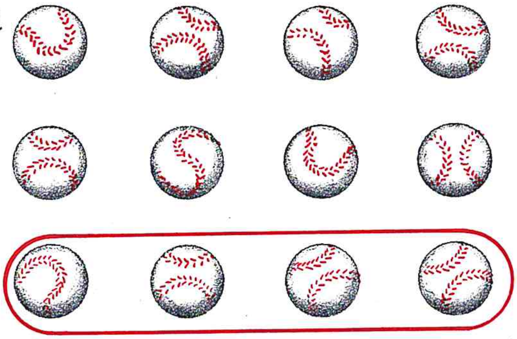


We write one fourth like this: $\frac{1}{4}$.

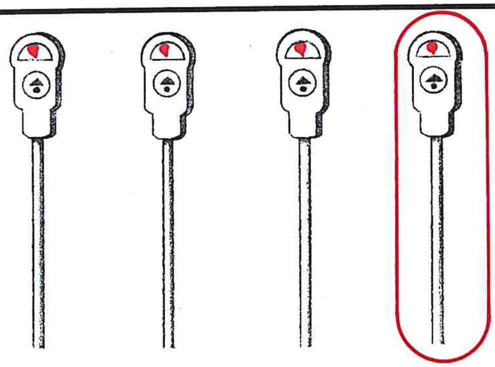
Sometimes we say one quarter.

2. In which sets is the ring around $\frac{1}{4}$ of the objects?

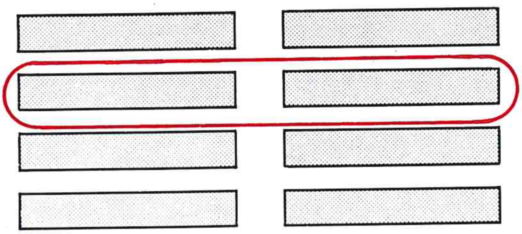
a



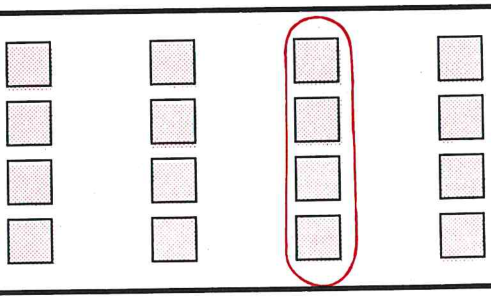
b



c

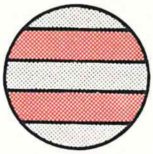


d

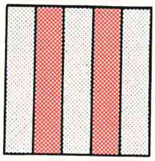


1. Which objects are divided into fifths?

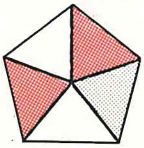
a



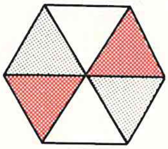
b



c



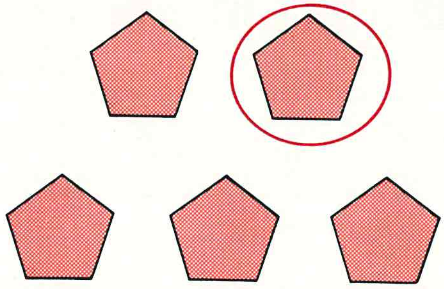
d



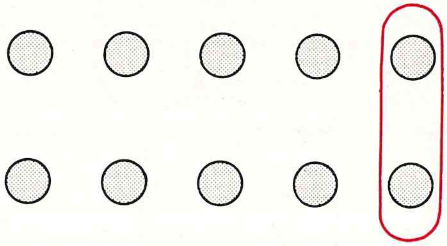
We write one fifth like this: $\frac{1}{5}$.

2. In which sets is the ring around $\frac{1}{5}$ of the objects?

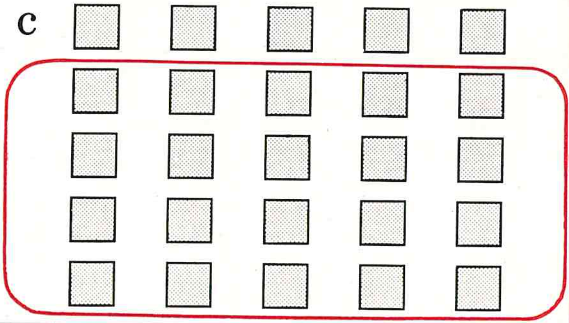
a



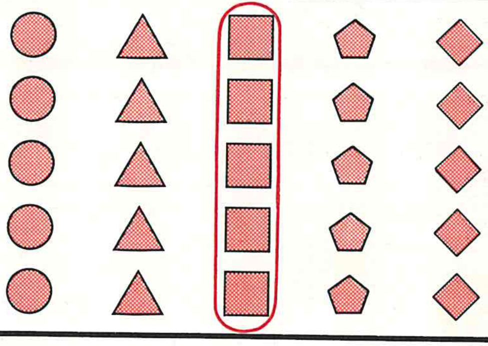
b



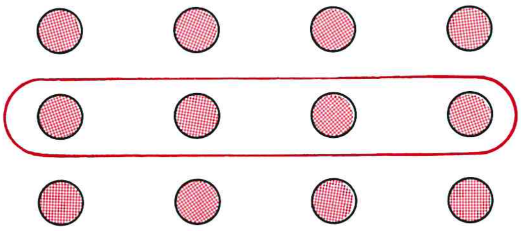
c



d

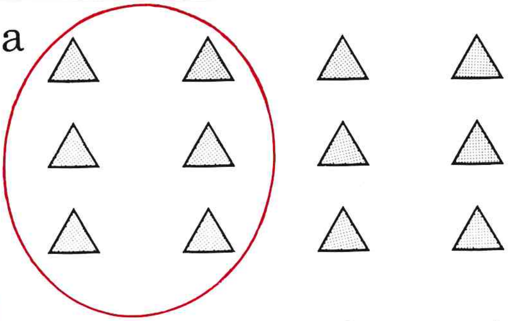


Choose the correct fraction for each set.



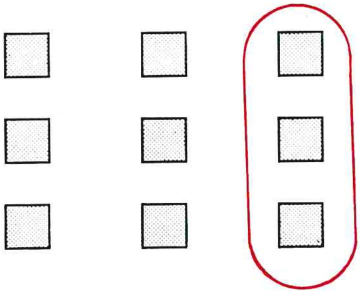
$\frac{1}{5}$ $\frac{1}{4}$ [✓ $\frac{1}{3}$] $\frac{1}{2}$

a



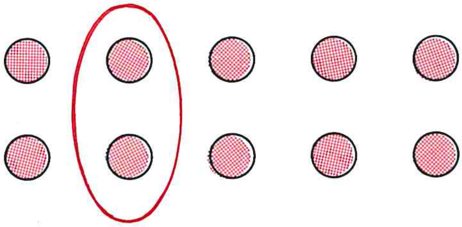
$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

b



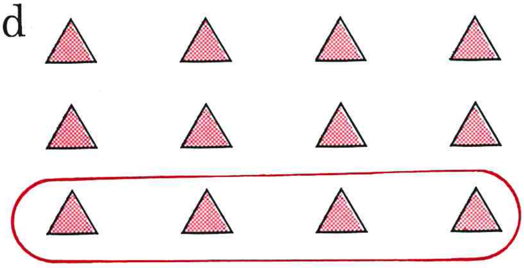
$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

c



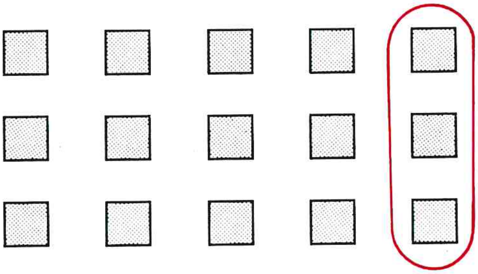
$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

d



$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

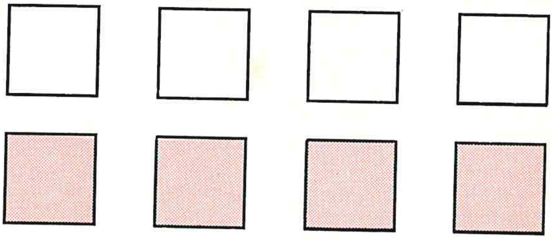
e



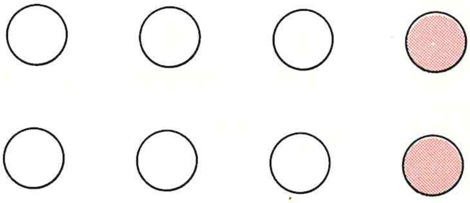
$\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

Answer True or False for each set.

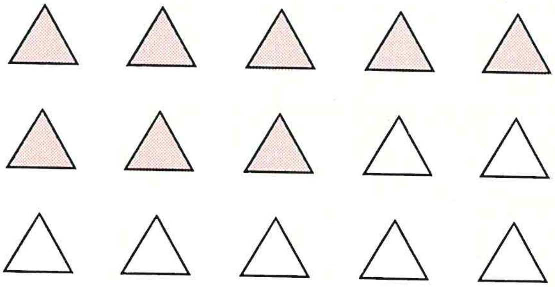
a. $\frac{1}{2}$ are shaded.



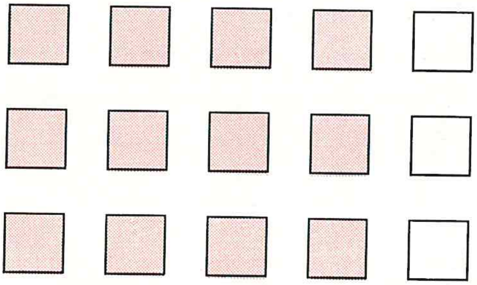
b. $\frac{1}{4}$ are shaded.



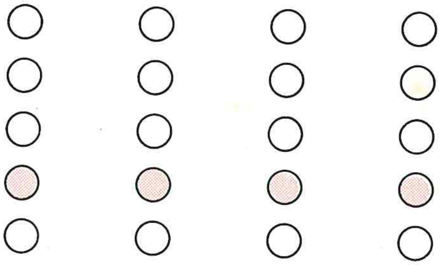
c. $\frac{1}{3}$ are shaded.



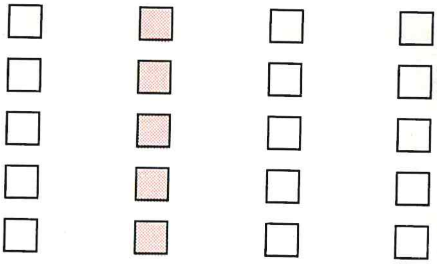
d. $\frac{1}{5}$ are shaded.

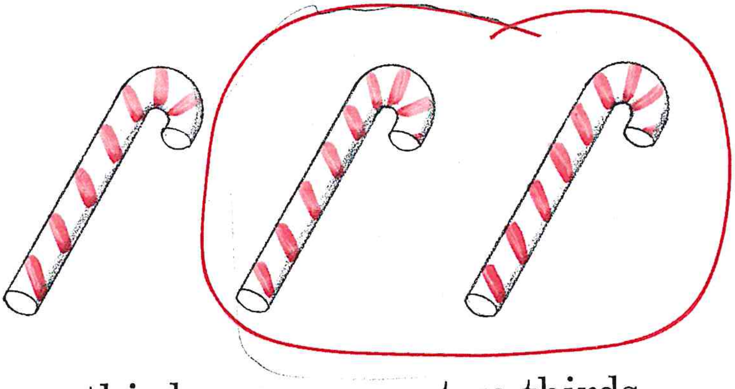


e. $\frac{1}{5}$ are shaded.



f. $\frac{1}{4}$ are shaded.



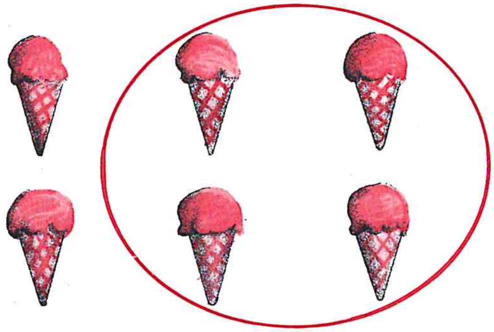


one third two thirds

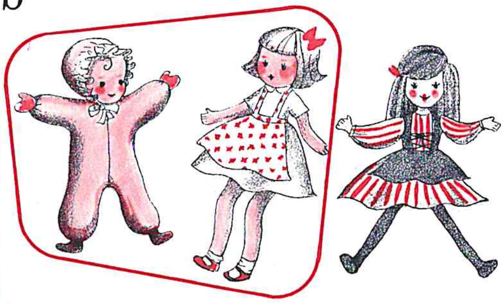
We write two thirds like this: $\frac{2}{3}$.

In which sets is the ring around $\frac{2}{3}$ of the objects?

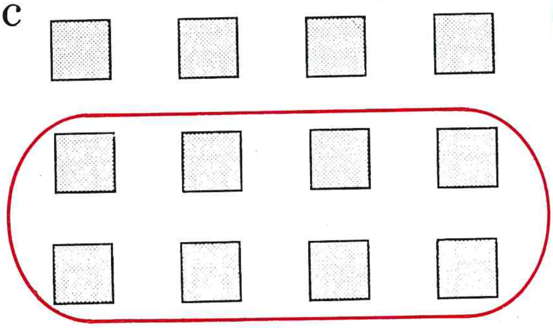
a



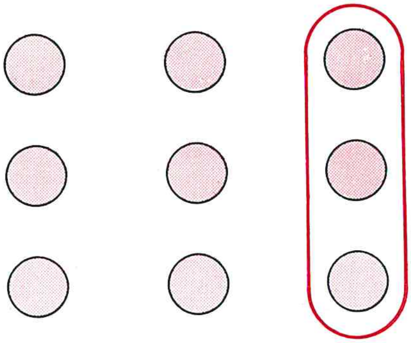
b

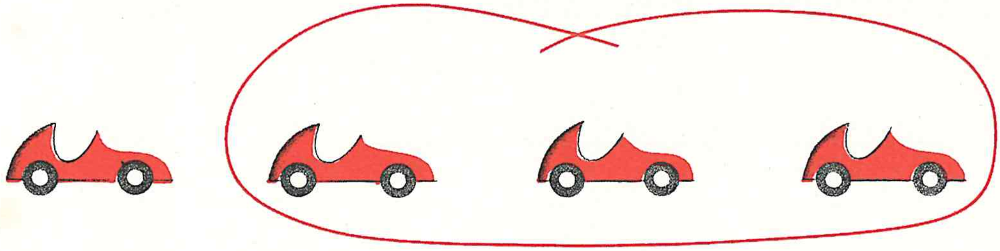


c



d





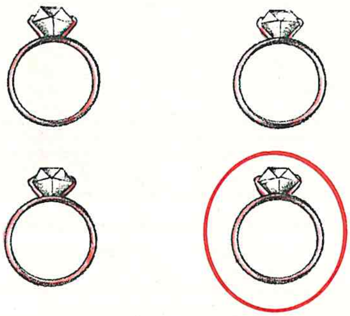
one fourth three fourths

We write three fourths like this: $\frac{3}{4}$.

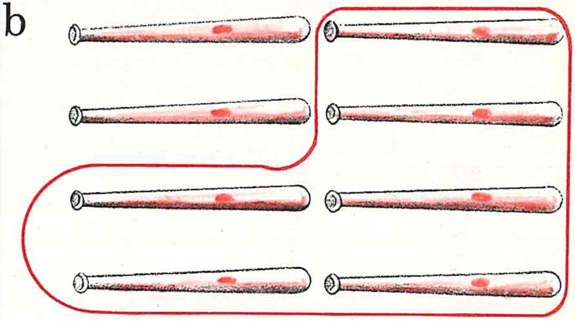
Sometimes we say three quarters.

In which sets is the ring around $\frac{3}{4}$ of the objects?

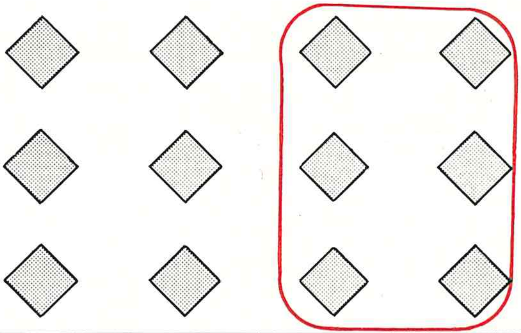
a



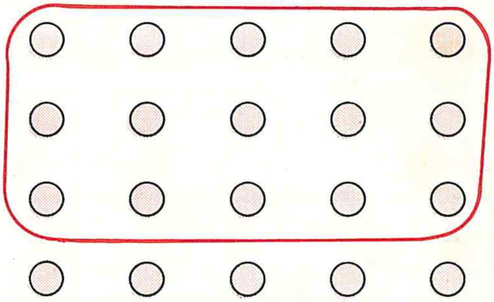
b



c



d



1. Use your inch ruler to measure each mark.

   a.

   b.

   c.

   d.

2. Use your centimeter ruler to measure each mark.

   a.

   b.

   c.

   d.

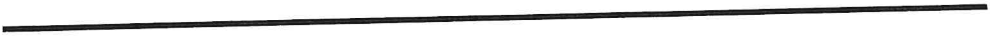
1. Use your inch ruler to draw lines of the given lengths.

a. 5 inches
b. 2 inches
c. 8 inches
d. 4 inches
e. 7 inches
f. 1 inch
g. 3 inches
h. 6 inches

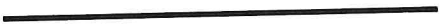
2. Use your centimeter ruler to draw lines of the given lengths.

a. 6 centimeters
b. 2 centimeters
c. 8 centimeters
d. 12 centimeters
e. 7 centimeters
f. 5 centimeters
g. 4 centimeters
h. 9 centimeters

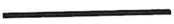
1. Use your inch ruler to measure each line.



a. This line is about ___?___ inches long.

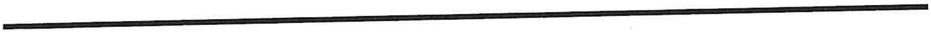


b. This line is about ___?___ inches long.

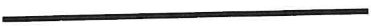


c. This line is about ___?___ inches long.

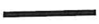
2. Use your centimeter ruler to measure each line.



a. This line is about ___?___ centimeters long.



b. This line is about ___?___ centimeters long.



c. This line is about ___?___ centimeters long.

First measure the mark with your inch ruler.
Then measure the mark with your centimeter ruler.

1.

a. About ? inches b. About ? centimeters

2.

a. About ? inches b. About ? centimeters

3.

a. About ? inches b. About ? centimeters

4.

a. About ? inches b. About ? centimeters

5.

a. About ? inches b. About ? centimeters

6.

a. About ? inches b. About ? centimeters

5 cups make 1 quart
2 pints make 1 quart
4 quarts make 1 gallon

1. Give the missing numbers.

a. 2 gallons: ___?___ quarts

b. 1 quart: ___?___ cups

c. 1 gallon: ___?___ cups

d. 2 quarts: ___?___ cups

e. 3 quarts: ___?___ pints

f. 1 pint and 1 cup: ___?___ cups

g. 1 quart and 1 pint: ___?___ cups

h. 1 gallon and 1 quart: ___?___ cups

i. 1 gallon and 1 quart: ___?___ pints

j. 1 gallon and 1 quart: ___?___ quarts

---

2. Write which is more.

1 pint or 4 cups

a. 3 pints or 5 cups

b. 5 pints or 2 quarts

c. 1 quart or 3 pints

d. 1 quart or 3 cups

e. 0 gallons or 3 pints

f. 1 gallon or 9 cups

g. 1 gallon or 3 quarts

h. 1 gallon or 4 pints

i. 2 gallons or 9 quarts

The Lemonade Stand

1. David and Clara sold lemonade on a hot summer day. They made 2 gallons of lemonade. They planned to sell it by the cup. How many cups of lemonade did they have for sale?

2. During the morning David sold 2 quarts and Clara sold 12 cups.
   a. Who sold more lemonade?
   b. How much more?

3. That day John bought 2 pints and Judy bought 3 cups of lemonade.
   a. Who bought more lemonade?
   b. How much more?

4. By the end of the day David had sold 5 quarts and Clara had sold the rest. How much lemonade had Clara sold?

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